

# High Precision Power Thin Film Chip Resistors

**multicomp** PRO



## Description

The resistors are constructed in a high grade ceramic body (aluminum oxide). Internal metal electrodes are added at each end and connected by a resistive layer that is applied to the top surface of the substrate. The composition of the resistive layer is adjusted to give the approximate resistance required and the value is trimmed to nominated value within tolerance which controlled by laser trimming of this resistive layer.

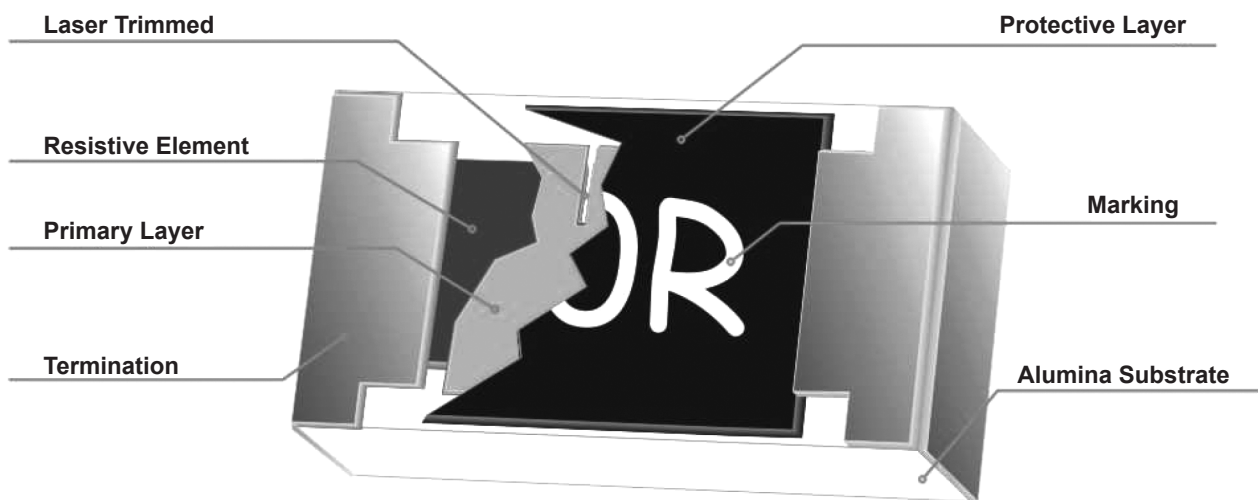
The resistive layer is covered with a protective coat. Finally, the two external end terminations are added. For environmental soldering issue, the outer layer of these end terminations is a Lead-free solder.

## Features:

- SMD metal film resistor
- High reliability and stability of  $\pm 0.5\%$  and below per customer request
- High performance of TCR: 25 ppm/K and below per customer request
- High power rating
- Low current noise

## Application:

- Medical equipment
- Measuring instrument
- Communication device
- Computer
- Printer



# High Precision Power Thin Film Chip Resistors



## Quick Reference Data

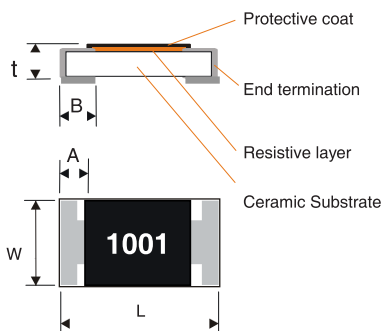
Item	General Specification		
Series No.	MCWF06R	MCWF08R	MCWF12R
Size code	0603 (1608)	0805 (2012)	1206 (3216)
Resistance Tolerance	±0.5%, ±0.25%, ±0.1%, ±0.05%		
Resistance Range	4.7Ω to 680kΩ ( E24 +E192 )	4.7Ω to 1MΩ ( E24 +E192 )	4.7Ω ~ 1MΩ ( E24 +E192 )
TCR (ppm/°C)	+25 to -25 ppm/°C		
Max. dissipation at Tamb = 70°C	1/10W	1/8W	1/4W
Max. Operation Voltage (DC or RMS)	75V	150V	200V
Max. Overload Voltage (DC or RMS)	150V	300V	400V
Operation temperature	-55°C to +155°C		

### Note :

1. This is the maximum voltage that may be continuously supplied to the resistor element, see "IEC publication 60115-8"
2. Max. Operation Voltage : So called RCWV (Rated Continuous Working Voltage) is determined by  

$$\sqrt{RCWV} = \text{Rated Power} \times \text{Resistance Value}$$
or Max. RCWV listed above, whichever is lower.
3. Tolerance ±0.05% is upon requested.

## Dimensions:



Type	MCWF06R	MCWF08R	MCWF12R
L	1.55 ±0.1	2 ±0.1	3.05 ±0.15
W	0.8 ±0.1	1.25 ±0.1	1.55 ±0.15
A	0.25 ±0.15	0.25 ±0.2	0.4 ±0.2
B	0.3 ±0.15	0.4 ±0.2	0.4 ±0.2
t	0.45 ±0.15	0.5 ±0.15	0.55 ±0.15

Dimensions : Millimetres

## Marking

- 3-digits marking for 0603 size
- MCWFxxR has same marking rule as commodity ±1%.  
 3-digits marking (±1% : 0603)

Nominal resistance	Description
1.E-24 series	As 0603 MCWR06X ±5%.
2.E-96 series	The 1st two digit codes are referring to the CODE on the table, the 3rd code is the index of resistance value : $Y=10^{-2}, X=10^{-1}, A=10^0, B=10^1, C=10^2, D=10^3, E=10^4, F=10^5$ Ex : 17.8Ω = 25X, 178Ω = 25A, 1K78 = 25B, 17K8 = 25C, 178K = 25D, 1M78=25E
3. Remark	There is no marking for the items are not under E-24 and E-96 series

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CODE	R_Value	CODE	R_value	CODE	R_Value	CODE	R_value	CODE	R_value	CODE	R_value	CODE	R_value	CODE	R_value
01	100	13	133	25	178	37	237	49	316	61	422	73	562	85	750
02	102	14	137	26	182	38	243	50	324	62	432	74	576	86	768
03	105	15	140	27	187	39	249	51	332	63	442	75	590	87	787
04	107	16	143	28	191	40	255	52	340	64	453	76	604	88	806
05	110	17	147	29	196	41	261	53	348	65	464	77	619	89	825
06	113	18	150	30	200	42	267	54	357	66	475	78	634	90	845
07	115	19	154	31	205	43	274	55	365	67	487	79	649	91	866
08	118	20	158	32	210	44	280	56	374	68	499	80	665	92	887
09	121	21	162	33	215	45	287	57	383	69	511	81	681	93	909
10	124	22	165	34	221	46	294	58	392	70	523	82	698	94	931
11	127	23	169	35	226	47	301	59	402	71	536	83	715	95	953
12	130	24	174	36	232	48	309	60	412	72	549	84	732	96	976

- 4-digits marking for 0805 size

Each resistor is marked with a four digits code on the protective coating to designate the nominal resistance value of E24+E192. For values below 97W6 the R is used as a digit. For values of 100W or greater, the first 3 digits are significant, the fourth digit indicates the number of multiple to follow.

Example :

<b>Resistance</b>	10Ω	12Ω	100Ω	6,800Ω	47,000Ω
<b>4-digits marking</b>	10R0	12R0	1,000	6,801	4,702

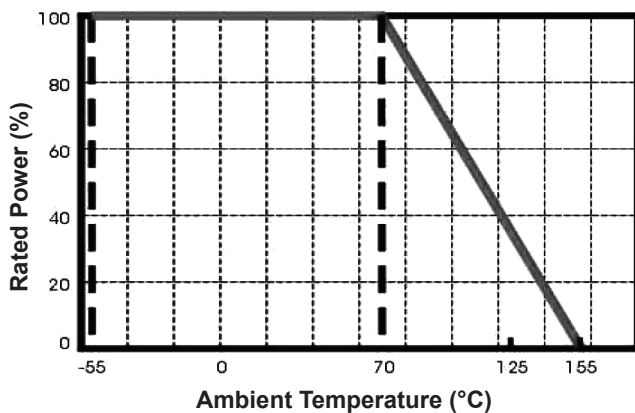
## Functional Description

Product characterization

Standard values of nominal resistance are taken from the E24 & E192 series for resistors with a tolerance of ±0.5%, ±0.25%, ±0.1%. The values of the E24/E192 series are in accordance with "IEC publication 60063".

## Derating Curve

The power that the resistor can dissipate depends on the operating temperature



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# High Precision Power Thin Film Chip Resistors



## Mounting

Due to their rectangular shapes and small tolerances, Surface Mountable Resistors are suitable for handling by automatic placement systems.

Chip placement can be on ceramic substrates and printed-circuit boards (PCBs).

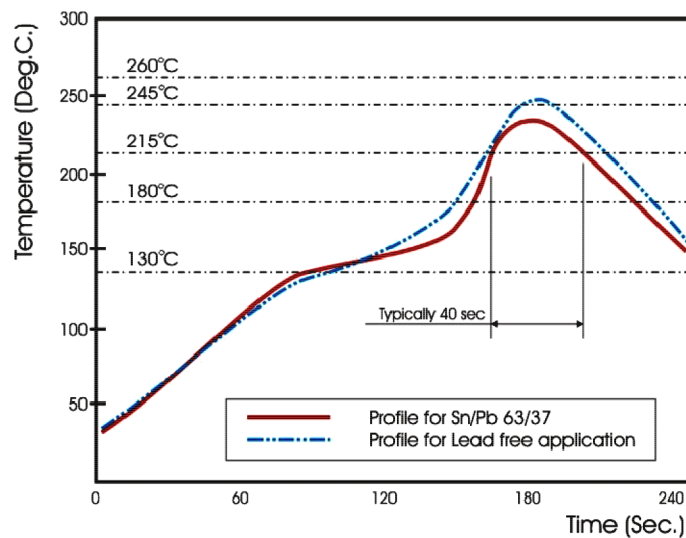
Electrical connection to the circuit is by individual soldering condition.

The end terminations guarantee a reliable contact.

## Soldering Condition

The robust construction of chip resistors allows them to be completely immersed in a solder bath of 260°C for 10 seconds. Therefore, it is possible to mount Surface Mount Resistors on one side of a PCB and other discrete components on the reverse (mixed PCBs).

Surface Mount Resistors are tested for solderability at 235°C during 2 seconds within lead-free solder bath. The test condition for no leaching is 260°C for 30 seconds. Typical examples of soldering processes that provide reliable joints without any damage are given in below drawing.



Infrared soldering profile for Chip Resistors

## Part Number Table

Description	Part Number
Resistor, 0603, 100R, 0.1%, 0.1W	MCWF06R1000BTL
Resistor, 0603, 1K, 0.1%, 0.1W	MCWF06R1001BTL
Resistor, 0603, 10K, 0.1%, 0.1W	MCWF06R1002BTL
Resistor, 0603, 100K, 0.1%, 0.1W	MCWF06R1003BTL
Resistor, 0603, 102R, 0.1%, 0.1W	MCWF06R1020BTL
Resistor, 0603, 102K, 0.1%, 0.1W	MCWF06R1023BTL

Description	Part Number
Resistor, 0603, 105R, 0.1%, 0.1W	MCWF06R1050BTL
Resistor, 0603, 1K05, 0.1%, 0.1W	MCWF06R1051BTL
Resistor, 0603, 10K5, 0.1%, 0.1W	MCWF06R1052BTL
Resistor, 0603, 105K, 0.1%, 0.1W	MCWF06R1053BTL
Resistor, 0603, 107R, 0.1%, 0.1W	MCWF06R1070BTL
Resistor, 0603, 1K07, 0.1%, 0.1W	MCWF06R1071BTL

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Description	Part Number
Resistor, 0603, 10K7, 0.1%, 0.1W	MCWF06R1072BTL
Resistor, 0603, 107K, 0.1%, 0.1W	MCWF06R1073BTL
Resistor, 0603, 110R, 0.1%, 0.1W	MCWF06R1100BTL
Resistor, 0603, 1K1, 0.1%, 0.1W	MCWF06R1101BTL
Resistor, 0603, 11K, 0.1%, 0.1W	MCWF06R1102BTL
Resistor, 0603, 113R, 0.1%, 0.1W	MCWF06R1130BTL
Resistor, 0603, 1K13, 0.1%, 0.1W	MCWF06R1131BTL
Resistor, 0603, 11K3, 0.1%, 0.1W	MCWF06R1132BTL
Resistor, 0603, 113K, 0.1%, 0.1W	MCWF06R1133BTL
Resistor, 0603, 1K15, 0.1%, 0.1W	MCWF06R1151BTL
Resistor, 0603, 11K5, 0.1%, 0.1W	MCWF06R1152BTL
Resistor, 0603, 115K, 0.1%, 0.1W	MCWF06R1153BTL
Resistor, 0603, 118R, 0.1%, 0.1W	MCWF06R1180BTL
Resistor, 0603, 1K18, 0.1%, 0.1W	MCWF06R1181BTL
Resistor, 0603, 11K8, 0.1%, 0.1W	MCWF06R1182BTL
Resistor, 0603, 118K, 0.1%, 0.1W	MCWF06R1183BTL
Resistor, 0603, 120R, 0.1%, 0.1W	MCWF06R1200BTL
Resistor, 0603, 1K2, 0.1%, 0.1W	MCWF06R1201BTL
Resistor, 0603, 121R, 0.1%, 0.1W	MCWF06R1210BTL
Resistor, 0603, 1K21, 0.1%, 0.1W	MCWF06R1211BTL
Resistor, 0603, 1K24, 0.1%, 0.1W	MCWF06R1241BTL
Resistor, 0603, 12K4, 0.1%, 0.1W	MCWF06R1242BTL
Resistor, 0603, 127R, 0.1%, 0.1W	MCWF06R1270BTL
Resistor, 0603, 12K7, 0.1%, 0.1W	MCWF06R1272BTL
Resistor, 0603, 127K, 0.1%, 0.1W	MCWF06R1273BTL
Resistor, 0603, 130R, 0.1%, 0.1W	MCWF06R1300BTL
Resistor, 0603, 1K3, 0.1%, 0.1W	MCWF06R1301BTL
Resistor, 0603, 13K, 0.1%, 0.1W	MCWF06R1302BTL
Resistor, 0603, 130K, 0.1%, 0.1W	MCWF06R1303BTL
Resistor, 0603, 133R, 0.1%, 0.1W	MCWF06R1330BTL
Resistor, 0603, 1K33, 0.1%, 0.1W	MCWF06R1331BTL
Resistor, 0603, 13K3, 0.1%, 0.1W	MCWF06R1332BTL
Resistor, 0603, 133K, 0.1%, 0.1W	MCWF06R1333BTL
Resistor, 0603, 137R, 0.1%, 0.1W	MCWF06R1370BTL
Resistor, 0603, 1K37, 0.1%, 0.1W	MCWF06R1371BTL
Resistor, 0603, 137K, 0.1%, 0.1W	MCWF06R1373BTL
Resistor, 0603, 140R, 0.1%, 0.1W	MCWF06R1400BTL
Resistor, 0603, 1K4, 0.1%, 0.1W	MCWF06R1401BTL
Resistor, 0603, 14K0, 0.1%, 0.1W	MCWF06R1402BTL

Description	Part Number
Resistor, 0603, 140K, 0.1%, 0.1W	MCWF06R1403BTL
Resistor, 0603, 143R, 0.1%, 0.1W	MCWF06R1430BTL
Resistor, 0603, 14K3, 0.1%, 0.1W	MCWF06R1432BTL
Resistor, 0603, 143K, 0.1%, 0.1W	MCWF06R1433BTL
Resistor, 0603, 147R, 0.1%, 0.1W	MCWF06R1470BTL
Resistor, 0603, 1K47, 0.1%, 0.1W	MCWF06R1471BTL
Resistor, 0603, 14K7, 0.1%, 0.1W	MCWF06R1472BTL
Resistor, 0603, 147K, 0.1%, 0.1W	MCWF06R1473BTL
Resistor, 0603, 150R, 0.1%, 0.1W	MCWF06R1500BTL
Resistor, 0603, 1K5, 0.1%, 0.1W	MCWF06R1501BTL
Resistor, 0603, 154R, 0.1%, 0.1W	MCWF06R1540BTL
Resistor, 0603, 1K54, 0.1%, 0.1W	MCWF06R1541BTL
Resistor, 0603, 15K4, 0.1%, 0.1W	MCWF06R1542BTL
Resistor, 0603, 158R, 0.1%, 0.1W	MCWF06R1580BTL
Resistor, 0603, 1K58, 0.1%, 0.1W	MCWF06R1581BTL
Resistor, 0603, 15K8, 0.1%, 0.1W	MCWF06R1582BTL
Resistor, 0603, 160R, 0.1%, 0.1W	MCWF06R1600BTL
Resistor, 0603, 16K, 0.1%, 0.1W	MCWF06R1602BTL
Resistor, 0603, 160K, 0.1%, 0.1W	MCWF06R1603BTL
Resistor, 0603, 162R, 0.1%, 0.1W	MCWF06R1620BTL
Resistor, 0603, 1K62, 0.1%, 0.1W	MCWF06R1621BTL
Resistor, 0603, 16K2, 0.1%, 0.1W	MCWF06R1622BTL
Resistor, 0603, 162K, 0.1%, 0.1W	MCWF06R1623BTL
Resistor, 0603, 165R, 0.1%, 0.1W	MCWF06R1650BTL
Resistor, 0603, 1K65, 0.1%, 0.1W	MCWF06R1651BTL
Resistor, 0603, 165K, 0.1%, 0.1W	MCWF06R1653BTL
Resistor, 0603, 169R, 0.1%, 0.1W	MCWF06R1690BTL
Resistor, 0603, 1K69, 0.1%, 0.1W	MCWF06R1691BTL
Resistor, 0603, 16K9, 0.1%, 0.1W	MCWF06R1692BTL
Resistor, 0603, 169K, 0.1%, 0.1W	MCWF06R1693BTL
Resistor, 0603, 174R, 0.1%, 0.1W	MCWF06R1740BTL
Resistor, 0603, 1K74, 0.1%, 0.1W	MCWF06R1741BTL
Resistor, 0603, 174K, 0.1%, 0.1W	MCWF06R1743BTL
Resistor, 0603, 178R, 0.1%, 0.1W	MCWF06R1780BTL
Resistor, 0603, 1K78, 0.1%, 0.1W	MCWF06R1781BTL
Resistor, 0603, 17K8, 0.1%, 0.1W	MCWF06R1782BTL
Resistor, 0603, 178K, 0.1%, 0.1W	MCWF06R1783BTL
Resistor, 0603, 180R, 0.1%, 0.1W	MCWF06R1800BTL
Resistor, 0603, 18K, 0.1%, 0.1W	MCWF06R1802BTL

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# High Precision Power Thin Film Chip Resistors



Description	Part Number
Resistor, 0603, 180K, 0.1%, 0.1W	MCWF06R1803BTL
Resistor, 0603, 182R, 0.1%, 0.1W	MCWF06R1820BTL
Resistor, 0603, 1K82, 0.1%, 0.1W	MCWF06R1821BTL
Resistor, 0603, 18K2, 0.1%, 0.1W	MCWF06R1822BTL
Resistor, 0603, 1K87, 0.1%, 0.1W	MCWF06R1871BTL
Resistor, 0603, 18K7, 0.1%, 0.1W	MCWF06R1872BTL
Resistor, 0603, 187K, 0.1%, 0.1W	MCWF06R1873BTL
Resistor, 0603, 191R, 0.1%, 0.1W	MCWF06R1910BTL
Resistor, 0603, 19K1, 0.1%, 0.1W	MCWF06R1912BTL
Resistor, 0603, 191K, 0.1%, 0.1W	MCWF06R1913BTL
Resistor, 0603, 196R, 0.1%, 0.1W	MCWF06R1960BTL
Resistor, 0603, 1K96, 0.1%, 0.1W	MCWF06R1961BTL
Resistor, 0603, 19K6, 0.1%, 0.1W	MCWF06R1962BTL
Resistor, 0603, 196K, 0.1%, 0.1W	MCWF06R1963BTL
Resistor, 0603, 200R, 0.1%, 0.1W	MCWF06R2000BTL
Resistor, 0603, 2K, 0.1%, 0.1W	MCWF06R2001BTL
Resistor, 0603, 20K, 0.1%, 0.1W	MCWF06R2002BTL
Resistor, 0603, 200K, 0.1%, 0.1W	MCWF06R2003BTL
Resistor, 0603, 205R, 0.1%, 0.1W	MCWF06R2050BTL
Resistor, 0603, 20K5, 0.1%, 0.1W	MCWF06R2052BTL
Resistor, 0603, 205K, 0.1%, 0.1W	MCWF06R2053BTL
Resistor, 0603, 210R, 0.1%, 0.1W	MCWF06R2100BTL
Resistor, 0603, 2K1, 0.1%, 0.1W	MCWF06R2101BTL
Resistor, 0603, 21K0, 0.1%, 0.1W	MCWF06R2102BTL
Resistor, 0603, 210K, 0.1%, 0.1W	MCWF06R2103BTL
Resistor, 0603, 215R, 0.1%, 0.1W	MCWF06R2150BTL
Resistor, 0603, 21K5, 0.1%, 0.1W	MCWF06R2152BTL
Resistor, 0603, 215K, 0.1%, 0.1W	MCWF06R2153BTL
Resistor, 0603, 220R, 0.1%, 0.1W	MCWF06R2200BTL
Resistor, 0603, 2K2, 0.1%, 0.1W	MCWF06R2201BTL
Resistor, 0603, 22K, 0.1%, 0.1W	MCWF06R2202BTL
Resistor, 0603, 220K, 0.1%, 0.1W	MCWF06R2203BTL
Resistor, 0603, 221R, 0.1%, 0.1W	MCWF06R2210BTL
Resistor, 0603, 2K21, 0.1%, 0.1W	MCWF06R2211BTL
Resistor, 0603, 22K1, 0.1%, 0.1W	MCWF06R2212BTL
Resistor, 0603, 226R, 0.1%, 0.1W	MCWF06R2260BTL
Resistor, 0603, 2K26, 0.1%, 0.1W	MCWF06R2261BTL
Resistor, 0603, 22K6, 0.1%, 0.1W	MCWF06R2262BTL
Resistor, 0603, 226K, 0.1%, 0.1W	MCWF06R2263BTL

Description	Part Number
Resistor, 0603, 2K32, 0.1%, 0.1W	MCWF06R2321BTL
Resistor, 0603, 23K2, 0.1%, 0.1W	MCWF06R2322BTL
Resistor, 0603, 232K, 0.1%, 0.1W	MCWF06R2323BTL
Resistor, 0603, 237R, 0.1%, 0.1W	MCWF06R2370BTL
Resistor, 0603, 2K37, 0.1%, 0.1W	MCWF06R2371BTL
Resistor, 0603, 23K7, 0.1%, 0.1W	MCWF06R2372BTL
Resistor, 0603, 237K, 0.1%, 0.1W	MCWF06R2373BTL
Resistor, 0603, 240R, 0.1%, 0.1W	MCWF06R2400BTL
Resistor, 0603, 2K4, 0.1%, 0.1W	MCWF06R2401BTL
Resistor, 0603, 24K, 0.1%, 0.1W	MCWF06R2402BTL
Resistor, 0603, 240K, 0.1%, 0.1W	MCWF06R2403BTL
Resistor, 0603, 243R, 0.1%, 0.1W	MCWF06R2430BTL
Resistor, 0603, 2K43, 0.1%, 0.1W	MCWF06R2431BTL
Resistor, 0603, 24K3, 0.1%, 0.1W	MCWF06R2432BTL
Resistor, 0603, 243K, 0.1%, 0.1W	MCWF06R2433BTL
Resistor, 0603, 249R, 0.1%, 0.1W	MCWF06R2490BTL
Resistor, 0603, 2K49, 0.1%, 0.1W	MCWF06R2491BTL
Resistor, 0603, 24K9, 0.1%, 0.1W	MCWF06R2492BTL
Resistor, 0603, 249K, 0.1%, 0.1W	MCWF06R2493BTL
Resistor, 0603, 2K55, 0.1%, 0.1W	MCWF06R2551BTL
Resistor, 0603, 25K5, 0.1%, 0.1W	MCWF06R2552BTL
Resistor, 0603, 255K, 0.1%, 0.1W	MCWF06R2553BTL
Resistor, 0603, 261R, 0.1%, 0.1W	MCWF06R2610BTL
Resistor, 0603, 2K61, 0.1%, 0.1W	MCWF06R2611BTL
Resistor, 0603, 26K1, 0.1%, 0.1W	MCWF06R2612BTL
Resistor, 0603, 261K, 0.1%, 0.1W	MCWF06R2613BTL
Resistor, 0603, 267R, 0.1%, 0.1W	MCWF06R2670BTL
Resistor, 0603, 2K67, 0.1%, 0.1W	MCWF06R2671BTL
Resistor, 0603, 26K7, 0.1%, 0.1W	MCWF06R2672BTL
Resistor, 0603, 267K, 0.1%, 0.1W	MCWF06R2673BTL
Resistor, 0603, 270R, 0.1%, 0.1W	MCWF06R2700BTL
Resistor, 0603, 2K7, 0.1%, 0.1W	MCWF06R2701BTL
Resistor, 0603, 27K, 0.1%, 0.1W	MCWF06R2702BTL
Resistor, 0603, 270K, 0.1%, 0.1W	MCWF06R2703BTL
Resistor, 0603, 274R, 0.1%, 0.1W	MCWF06R2740BTL
Resistor, 0603, 2K74, 0.1%, 0.1W	MCWF06R2741BTL
Resistor, 0603, 27K4, 0.1%, 0.1W	MCWF06R2742BTL
Resistor, 0603, 274K, 0.1%, 0.1W	MCWF06R2743BTL
Resistor, 0603, 2K8, 0.1%, 0.1W	MCWF06R2801BTL

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Description	Part Number
Resistor, 0603, 28K0, 0.1%, 0.1W	MCWF06R2802BTL
Resistor, 0603, 280K, 0.1%, 0.1W	MCWF06R2803BTL
Resistor, 0603, 2K87, 0.1%, 0.1W	MCWF06R2871BTL
Resistor, 0603, 287K, 0.1%, 0.1W	MCWF06R2873BTL
Resistor, 0603, 294R, 0.1%, 0.1W	MCWF06R2940BTL
Resistor, 0603, 2K94, 0.1%, 0.1W	MCWF06R2941BTL
Resistor, 0603, 29K4, 0.1%, 0.1W	MCWF06R2942BTL
Resistor, 0603, 294K, 0.1%, 0.1W	MCWF06R2943BTL
Resistor, 0603, 300R, 0.1%, 0.1W	MCWF06R3000BTL
Resistor, 0603, 3K, 0.1%, 0.1W	MCWF06R3001BTL
Resistor, 0603, 30K, 0.1%, 0.1W	MCWF06R3002BTL
Resistor, 0603, 300K, 0.1%, 0.1W	MCWF06R3003BTL
Resistor, 0603, 301R, 0.1%, 0.1W	MCWF06R3010BTL
Resistor, 0603, 3K01, 0.1%, 0.1W	MCWF06R3011BTL
Resistor, 0603, 30K1, 0.1%, 0.1W	MCWF06R3012BTL
Resistor, 0603, 301K, 0.1%, 0.1W	MCWF06R3013BTL
Resistor, 0603, 309R, 0.1%, 0.1W	MCWF06R3090BTL
Resistor, 0603, 30K9, 0.1%, 0.1W	MCWF06R3092BTL
Resistor, 0603, 309K, 0.1%, 0.1W	MCWF06R3093BTL
Resistor, 0603, 316R, 0.1%, 0.1W	MCWF06R3160BTL
Resistor, 0603, 3K16, 0.1%, 0.1W	MCWF06R3161BTL
Resistor, 0603, 31K6, 0.1%, 0.1W	MCWF06R3162BTL
Resistor, 0603, 316K, 0.1%, 0.1W	MCWF06R3163BTL
Resistor, 0603, 324R, 0.1%, 0.1W	MCWF06R3240BTL
Resistor, 0603, 32K4, 0.1%, 0.1W	MCWF06R3242BTL
Resistor, 0603, 324K, 0.1%, 0.1W	MCWF06R3243BTL
Resistor, 0603, 3K3, 0.1%, 0.1W	MCWF06R3301BTL
Resistor, 0603, 33K, 0.1%, 0.1W	MCWF06R3302BTL
Resistor, 0603, 330K, 0.1%, 0.1W	MCWF06R3303BTL
Resistor, 0603, 332R, 0.1%, 0.1W	MCWF06R3320BTL
Resistor, 0603, 33K2, 0.1%, 0.1W	MCWF06R3322BTL
Resistor, 0603, 340R, 0.1%, 0.1W	MCWF06R3400BTL
Resistor, 0603, 3K4, 0.1%, 0.1W	MCWF06R3401BTL
Resistor, 0603, 34K0, 0.1%, 0.1W	MCWF06R3402BTL
Resistor, 0603, 348R, 0.1%, 0.1W	MCWF06R3480BTL
Resistor, 0603, 3K48, 0.1%, 0.1W	MCWF06R3481BTL
Resistor, 0603, 34K8, 0.1%, 0.1W	MCWF06R3482BTL
Resistor, 0603, 357R, 0.1%, 0.1W	MCWF06R3570BTL
Resistor, 0603, 3K57, 0.1%, 0.1W	MCWF06R3571BTL

Description	Part Number
Resistor, 0603, 35K7, 0.1%, 0.1W	MCWF06R3572BTL
Resistor, 0603, 360R, 0.1%, 0.1W	MCWF06R3600BTL
Resistor, 0603, 3K6, 0.1%, 0.1W	MCWF06R3601BTL
Resistor, 0603, 36K, 0.1%, 0.1W	MCWF06R3602BTL
Resistor, 0603, 365R, 0.1%, 0.1W	MCWF06R3650BTL
Resistor, 0603, 36K5, 0.1%, 0.1W	MCWF06R3652BTL
Resistor, 0603, 3K74, 0.1%, 0.1W	MCWF06R3741BTL
Resistor, 0603, 37K4, 0.1%, 0.1W	MCWF06R3742BTL
Resistor, 0603, 3K83, 0.1%, 0.1W	MCWF06R3831BTL
Resistor, 0603, 38K3, 0.1%, 0.1W	MCWF06R3832BTL
Resistor, 0603, 390R, 0.1%, 0.1W	MCWF06R3900BTL
Resistor, 0603, 3K9, 0.1%, 0.1W	MCWF06R3901BTL
Resistor, 0603, 39K, 0.1%, 0.1W	MCWF06R3902BTL
Resistor, 0603, 392R, 0.1%, 0.1W	MCWF06R3920BTL
Resistor, 0603, 3K92, 0.1%, 0.1W	MCWF06R3921BTL
Resistor, 0603, 39K2, 0.1%, 0.1W	MCWF06R3922BTL
Resistor, 0603, 402R, 0.1%, 0.1W	MCWF06R4020BTL
Resistor, 0603, 4K02, 0.1%, 0.1W	MCWF06R4021BTL
Resistor, 0603, 412R, 0.1%, 0.1W	MCWF06R4120BTL
Resistor, 0603, 4K12, 0.1%, 0.1W	MCWF06R4121BTL
Resistor, 0603, 41K2, 0.1%, 0.1W	MCWF06R4122BTL
Resistor, 0603, 422R, 0.1%, 0.1W	MCWF06R4220BTL
Resistor, 0603, 4K22, 0.1%, 0.1W	MCWF06R4221BTL
Resistor, 0603, 42K2, 0.1%, 0.1W	MCWF06R4222BTL
Resistor, 0603, 430R, 0.1%, 0.1W	MCWF06R4300BTL
Resistor, 0603, 4K3, 0.1%, 0.1W	MCWF06R4301BTL
Resistor, 0603, 43K, 0.1%, 0.1W	MCWF06R4302BTL
Resistor, 0603, 432R, 0.1%, 0.1W	MCWF06R4320BTL
Resistor, 0603, 4K32, 0.1%, 0.1W	MCWF06R4321BTL
Resistor, 0603, 43K2, 0.1%, 0.1W	MCWF06R4322BTL
Resistor, 0603, 4K42, 0.1%, 0.1W	MCWF06R4421BTL
Resistor, 0603, 44K2, 0.1%, 0.1W	MCWF06R4422BTL
Resistor, 0603, 453R, 0.1%, 0.1W	MCWF06R4530BTL
Resistor, 0603, 4K53, 0.1%, 0.1W	MCWF06R4531BTL
Resistor, 0603, 45K3, 0.1%, 0.1W	MCWF06R4532BTL
Resistor, 0603, 464R, 0.1%, 0.1W	MCWF06R4640BTL
Resistor, 0603, 4K64, 0.1%, 0.1W	MCWF06R4641BTL
Resistor, 0603, 46K4, 0.1%, 0.1W	MCWF06R4642BTL
Resistor, 0603, 470R, 0.1%, 0.1W	MCWF06R4700BTL

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# High Precision Power Thin Film Chip Resistors

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Description	Part Number
Resistor, 0603, 4K7, 0.1%, 0.1W	MCWF06R4701BTL
Resistor, 0603, 47K, 0.1%, 0.1W	MCWF06R4702BTL
Resistor, 0603, 475R, 0.1%, 0.1W	MCWF06R4750BTL
Resistor, 0603, 4K75, 0.1%, 0.1W	MCWF06R4751BTL
Resistor, 0603, 47K5, 0.1%, 0.1W	MCWF06R4752BTL
Resistor, 0603, 47R, 0.1%, 0.1W	MCWF06R47R0BTL
Resistor, 0603, 47R5, 0.1%, 0.1W	MCWF06R47R5BTL
Resistor, 0603, 487R, 0.1%, 0.1W	MCWF06R4870BTL
Resistor, 0603, 4K87, 0.1%, 0.1W	MCWF06R4871BTL
Resistor, 0603, 48K7, 0.1%, 0.1W	MCWF06R4872BTL
Resistor, 0603, 48R7, 0.1%, 0.1W	MCWF06R48R7BTL
Resistor, 0603, 499R, 0.1%, 0.1W	MCWF06R4990BTL
Resistor, 0603, 4K99, 0.1%, 0.1W	MCWF06R4991BTL
Resistor, 0603, 49K9, 0.1%, 0.1W	MCWF06R4992BTL
Resistor, 0603, 49R9, 0.1%, 0.1W	MCWF06R49R9BTL
Resistor, 0603, 510R, 0.1%, 0.1W	MCWF06R5100BTL
Resistor, 0603, 5K1, 0.1%, 0.1W	MCWF06R5101BTL
Resistor, 0603, 51K, 0.1%, 0.1W	MCWF06R5102BTL
Resistor, 0603, 511R, 0.1%, 0.1W	MCWF06R5110BTL
Resistor, 0603, 5K11, 0.1%, 0.1W	MCWF06R5111BTL
Resistor, 0603, 51K1, 0.1%, 0.1W	MCWF06R5112BTL
Resistor, 0603, 51R, 0.1%, 0.1W	MCWF06R51R0BTL
Resistor, 0603, 51R1, 0.1%, 0.1W	MCWF06R51R1BTL
Resistor, 0603, 523R, 0.1%, 0.1W	MCWF06R5230BTL
Resistor, 0603, 5K23, 0.1%, 0.1W	MCWF06R5231BTL
Resistor, 0603, 52K3, 0.1%, 0.1W	MCWF06R5232BTL
Resistor, 0603, 536R, 0.1%, 0.1W	MCWF06R5360BTL
Resistor, 0603, 5K36, 0.1%, 0.1W	MCWF06R5361BTL
Resistor, 0603, 53K6, 0.1%, 0.1W	MCWF06R5362BTL
Resistor, 0603, 53R6, 0.1%, 0.1W	MCWF06R53R6BTL
Resistor, 0603, 549R, 0.1%, 0.1W	MCWF06R5490BTL
Resistor, 0603, 54K9, 0.1%, 0.1W	MCWF06R5492BTL
Resistor, 0603, 54R9, 0.1%, 0.1W	MCWF06R54R9BTL
Resistor, 0603, 560R, 0.1%, 0.1W	MCWF06R5600BTL
Resistor, 0603, 5K6, 0.1%, 0.1W	MCWF06R5601BTL
Resistor, 0603, 56K, 0.1%, 0.1W	MCWF06R5602BTL
Resistor, 0603, 562R, 0.1%, 0.1W	MCWF06R5620BTL
Resistor, 0603, 5K62, 0.1%, 0.1W	MCWF06R5621BTL
Resistor, 0603, 56K2, 0.1%, 0.1W	MCWF06R5622BTL

Description	Part Number
Resistor, 0603, 56R, 0.1%, 0.1W	MCWF06R56R0BTL
Resistor, 0603, 56R2, 0.1%, 0.1W	MCWF06R56R2BTL
Resistor, 0603, 576R, 0.1%, 0.1W	MCWF06R5760BTL
Resistor, 0603, 5K76, 0.1%, 0.1W	MCWF06R5761BTL
Resistor, 0603, 57K6, 0.1%, 0.1W	MCWF06R5762BTL
Resistor, 0603, 57R6, 0.1%, 0.1W	MCWF06R57R6BTL
Resistor, 0603, 590R, 0.1%, 0.1W	MCWF06R5900BTL
Resistor, 0603, 5K9, 0.1%, 0.1W	MCWF06R5901BTL
Resistor, 0603, 59K0, 0.1%, 0.1W	MCWF06R5902BTL
Resistor, 0603, 59R, 0.1%, 0.1W	MCWF06R59R0BTL
Resistor, 0603, 604R, 0.1%, 0.1W	MCWF06R6040BTL
Resistor, 0603, 6K04, 0.1%, 0.1W	MCWF06R6041BTL
Resistor, 0603, 60K4, 0.1%, 0.1W	MCWF06R6042BTL
Resistor, 0603, 60R4, 0.1%, 0.1W	MCWF06R60R4BTL
Resistor, 0603, 619R, 0.1%, 0.1W	MCWF06R6190BTL
Resistor, 0603, 6K19, 0.1%, 0.1W	MCWF06R6191BTL
Resistor, 0603, 61K9, 0.1%, 0.1W	MCWF06R6192BTL
Resistor, 0603, 61R9, 0.1%, 0.1W	MCWF06R61R9BTL
Resistor, 0603, 620R, 0.1%, 0.1W	MCWF06R6200BTL
Resistor, 0603, 6K2, 0.1%, 0.1W	MCWF06R6201BTL
Resistor, 0603, 62K, 0.1%, 0.1W	MCWF06R6202BTL
Resistor, 0603, 634R, 0.1%, 0.1W	MCWF06R6340BTL
Resistor, 0603, 6K34, 0.1%, 0.1W	MCWF06R6341BTL
Resistor, 0603, 63K4, 0.1%, 0.1W	MCWF06R6342BTL
Resistor, 0603, 63R4, 0.1%, 0.1W	MCWF06R63R4BTL
Resistor, 0603, 649R, 0.1%, 0.1W	MCWF06R6490BTL
Resistor, 0603, 6K49, 0.1%, 0.1W	MCWF06R6491BTL
Resistor, 0603, 64R9, 0.1%, 0.1W	MCWF06R64R9BTL
Resistor, 0603, 665R, 0.1%, 0.1W	MCWF06R6650BTL
Resistor, 0603, 6K65, 0.1%, 0.1W	MCWF06R6651BTL
Resistor, 0603, 66K5, 0.1%, 0.1W	MCWF06R6652BTL
Resistor, 0603, 66R5, 0.1%, 0.1W	MCWF06R66R5BTL
Resistor, 0603, 680R, 0.1%, 0.1W	MCWF06R6800BTL
Resistor, 0603, 6K8, 0.1%, 0.1W	MCWF06R6801BTL
Resistor, 0603, 68K, 0.1%, 0.1W	MCWF06R6802BTL
Resistor, 0603, 681R, 0.1%, 0.1W	MCWF06R6810BTL
Resistor, 0603, 6K81, 0.1%, 0.1W	MCWF06R6811BTL
Resistor, 0603, 68K1, 0.1%, 0.1W	MCWF06R6812BTL
Resistor, 0603, 68R, 0.1%, 0.1W	MCWF06R68R0BTL

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# High Precision Power Thin Film Chip Resistors



Description	Part Number
Resistor, 0603, 68R1, 0.1%, 0.1W	MCWF06R68R1BTL
Resistor, 0603, 698R, 0.1%, 0.1W	MCWF06R6980BTL
Resistor, 0603, 6K98, 0.1%, 0.1W	MCWF06R6981BTL
Resistor, 0603, 69K8, 0.1%, 0.1W	MCWF06R6982BTL
Resistor, 0603, 69R8, 0.1%, 0.1W	MCWF06R69R8BTL
Resistor, 0603, 715R, 0.1%, 0.1W	MCWF06R7150BTL
Resistor, 0603, 7K15, 0.1%, 0.1W	MCWF06R7151BTL
Resistor, 0603, 71K5, 0.1%, 0.1W	MCWF06R7152BTL
Resistor, 0603, 71R5, 0.1%, 0.1W	MCWF06R71R5BTL
Resistor, 0603, 732R, 0.1%, 0.1W	MCWF06R7320BTL
Resistor, 0603, 7K32, 0.1%, 0.1W	MCWF06R7321BTL
Resistor, 0603, 73K2, 0.1%, 0.1W	MCWF06R7322BTL
Resistor, 0603, 73R2, 0.1%, 0.1W	MCWF06R73R2BTL
Resistor, 0603, 750R, 0.1%, 0.1W	MCWF06R7500BTL
Resistor, 0603, 7K5, 0.1%, 0.1W	MCWF06R7501BTL
Resistor, 0603, 75K, 0.1%, 0.1W	MCWF06R7502BTL
Resistor, 0603, 75R, 0.1%, 0.1W	MCWF06R75R0BTL
Resistor, 0603, 768R, 0.1%, 0.1W	MCWF06R7680BTL
Resistor, 0603, 7K68, 0.1%, 0.1W	MCWF06R7681BTL
Resistor, 0603, 76K8, 0.1%, 0.1W	MCWF06R7682BTL
Resistor, 0603, 76R8, 0.1%, 0.1W	MCWF06R76R8BTL
Resistor, 0603, 7K87, 0.1%, 0.1W	MCWF06R7871BTL
Resistor, 0603, 78K7, 0.1%, 0.1W	MCWF06R7872BTL
Resistor, 0603, 806R, 0.1%, 0.1W	MCWF06R8060BTL
Resistor, 0603, 8K06, 0.1%, 0.1W	MCWF06R8061BTL
Resistor, 0603, 80K6, 0.1%, 0.1W	MCWF06R8062BTL
Resistor, 0603, 80R6, 0.1%, 0.1W	MCWF06R80R6BTL
Resistor, 0603, 820R, 0.1%, 0.1W	MCWF06R8200BTL
Resistor, 0603, 8K2, 0.1%, 0.1W	MCWF06R8201BTL
Resistor, 0603, 82K, 0.1%, 0.1W	MCWF06R8202BTL
Resistor, 0603, 825R, 0.1%, 0.1W	MCWF06R8250BTL
Resistor, 0603, 8K25, 0.1%, 0.1W	MCWF06R8251BTL
Resistor, 0603, 82R, 0.1%, 0.1W	MCWF06R82R0BTL
Resistor, 0603, 82R5, 0.1%, 0.1W	MCWF06R82R5BTL
Resistor, 0603, 845R, 0.1%, 0.1W	MCWF06R8450BTL
Resistor, 0603, 8K45, 0.1%, 0.1W	MCWF06R8451BTL
Resistor, 0603, 84K5, 0.1%, 0.1W	MCWF06R8452BTL
Resistor, 0603, 84R5, 0.1%, 0.1W	MCWF06R84R5BTL
Resistor, 0603, 8K66, 0.1%, 0.1W	MCWF06R8661BTL

Description	Part Number
Resistor, 0603, 86K6, 0.1%, 0.1W	MCWF06R8662BTL
Resistor, 0603, 86R6, 0.1%, 0.1W	MCWF06R86R6BTL
Resistor, 0603, 887R, 0.1%, 0.1W	MCWF06R8870BTL
Resistor, 0603, 8K87, 0.1%, 0.1W	MCWF06R8871BTL
Resistor, 0603, 88K7, 0.1%, 0.1W	MCWF06R8872BTL
Resistor, 0603, 88R7, 0.1%, 0.1W	MCWF06R88R7BTL
Resistor, 0603, 909R, 0.1%, 0.1W	MCWF06R9090BTL
Resistor, 0603, 9K09, 0.1%, 0.1W	MCWF06R9091BTL
Resistor, 0603, 90K9, 0.1%, 0.1W	MCWF06R9092BTL
Resistor, 0603, 90R9, 0.1%, 0.1W	MCWF06R90R9BTL
Resistor, 0603, 910R, 0.1%, 0.1W	MCWF06R9100BTL
Resistor, 0603, 9K1, 0.1%, 0.1W	MCWF06R9101BTL
Resistor, 0603, 91K, 0.1%, 0.1W	MCWF06R9102BTL
Resistor, 0603, 91R, 0.1%, 0.1W	MCWF06R91R0BTL
Resistor, 0603, 931R, 0.1%, 0.1W	MCWF06R9310BTL
Resistor, 0603, 9K31, 0.1%, 0.1W	MCWF06R9311BTL
Resistor, 0603, 93K1, 0.1%, 0.1W	MCWF06R9312BTL
Resistor, 0603, 93R1, 0.1%, 0.1W	MCWF06R93R1BTL
Resistor, 0603, 953R, 0.1%, 0.1W	MCWF06R9530BTL
Resistor, 0603, 95K3, 0.1%, 0.1W	MCWF06R9532BTL
Resistor, 0603, 95R3, 0.1%, 0.1W	MCWF06R95R3BTL
Resistor, 0603, 976R, 0.1%, 0.1W	MCWF06R9760BTL
Resistor, 0603, 9K76, 0.1%, 0.1W	MCWF06R9761BTL
Resistor, 0603, 97K6, 0.1%, 0.1W	MCWF06R9762BTL
Resistor, 0603, 97R6, 0.1%, 0.1W	MCWF06R97R6BTL
Resistor, 0805, 100R, 0.1%, 0.125W	MCWF08R1000BTL
Resistor, 0805, 1K, 0.1%, 0.125W	MCWF08R1001BTL
Resistor, 0805, 10K, 0.1%, 0.125W	MCWF08R1002BTL
Resistor, 0805, 100K, 0.1%, 0.125W	MCWF08R1003BTL
Resistor, 0805, 102R, 0.1%, 0.125W	MCWF08R1020BTL
Resistor, 0805, 1K02, 0.1%, 0.125W	MCWF08R1021BTL
Resistor, 0805, 10K2, 0.1%, 0.125W	MCWF08R1022BTL
Resistor, 0805, 105R, 0.1%, 0.125W	MCWF08R1050BTL
Resistor, 0805, 1K05, 0.1%, 0.125W	MCWF08R1051BTL
Resistor, 0805, 10K5, 0.1%, 0.125W	MCWF08R1052BTL
Resistor, 0805, 105K, 0.1%, 0.125W	MCWF08R1053BTL
Resistor, 0805, 107R, 0.1%, 0.125W	MCWF08R1070BTL
Resistor, 0805, 1K07, 0.1%, 0.125W	MCWF08R1071BTL
Resistor, 0805, 10K7, 0.1%, 0.125W	MCWF08R1072BTL

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# High Precision Power Thin Film Chip Resistors

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Description	Part Number
Resistor, 0805, 107K, 0.1%, 0.125W	MCWF08R1073BTL
Resistor, 0805, 110R, 0.1%, 0.125W	MCWF08R1100BTL
Resistor, 0805, 1K1, 0.1%, 0.125W	MCWF08R1101BTL
Resistor, 0805, 11K, 0.1%, 0.125W	MCWF08R1102BTL
Resistor, 0805, 110K, 0.1%, 0.125W	MCWF08R1103BTL
Resistor, 0805, 1K13, 0.1%, 0.125W	MCWF08R1131BTL
Resistor, 0805, 11K3, 0.1%, 0.125W	MCWF08R1132BTL
Resistor, 0805, 113K, 0.1%, 0.125W	MCWF08R1133BTL
Resistor, 0805, 1K15, 0.1%, 0.125W	MCWF08R1151BTL
Resistor, 0805, 11K5, 0.1%, 0.125W	MCWF08R1152BTL
Resistor, 0805, 115K, 0.1%, 0.125W	MCWF08R1153BTL
Resistor, 0805, 118R, 0.1%, 0.125W	MCWF08R1180BTL
Resistor, 0805, 1K18, 0.1%, 0.125W	MCWF08R1181BTL
Resistor, 0805, 11K8, 0.1%, 0.125W	MCWF08R1182BTL
Resistor, 0805, 118K, 0.1%, 0.125W	MCWF08R1183BTL
Resistor, 0805, 120R, 0.1%, 0.125W	MCWF08R1200BTL
Resistor, 0805, 1K2, 0.1%, 0.125W	MCWF08R1201BTL
Resistor, 0805, 12K, 0.1%, 0.125W	MCWF08R1202BTL
Resistor, 0805, 120K, 0.1%, 0.125W	MCWF08R1203BTL
Resistor, 0805, 121R, 0.1%, 0.125W	MCWF08R1210BTL
Resistor, 0805, 1K21, 0.1%, 0.125W	MCWF08R1211BTL
Resistor, 0805, 12K1, 0.1%, 0.125W	MCWF08R1212BTL
Resistor, 0805, 124R, 0.1%, 0.125W	MCWF08R1240BTL
Resistor, 0805, 1K24, 0.1%, 0.125W	MCWF08R1241BTL
Resistor, 0805, 12K4, 0.1%, 0.125W	MCWF08R1242BTL
Resistor, 0805, 127R, 0.1%, 0.125W	MCWF08R1270BTL
Resistor, 0805, 1K27, 0.1%, 0.125W	MCWF08R1271BTL
Resistor, 0805, 127K, 0.1%, 0.125W	MCWF08R1273BTL
Resistor, 0805, 130R, 0.1%, 0.125W	MCWF08R1300BTL
Resistor, 0805, 1K3, 0.1%, 0.125W	MCWF08R1301BTL
Resistor, 0805, 13K, 0.1%, 0.125W	MCWF08R1302BTL
Resistor, 0805, 130K, 0.1%, 0.125W	MCWF08R1303BTL
Resistor, 0805, 133R, 0.1%, 0.125W	MCWF08R1330BTL
Resistor, 0805, 1K33, 0.1%, 0.125W	MCWF08R1331BTL
Resistor, 0805, 133K, 0.1%, 0.125W	MCWF08R1333BTL
Resistor, 0805, 137R, 0.1%, 0.125W	MCWF08R1370BTL
Resistor, 0805, 1K37, 0.1%, 0.125W	MCWF08R1371BTL
Resistor, 0805, 13K7, 0.1%, 0.125W	MCWF08R1372BTL

Description	Part Number
Resistor, 0805, 137K, 0.1%, 0.125W	MCWF08R1373BTL
Resistor, 0805, 140R, 0.1%, 0.125W	MCWF08R1400BTL
Resistor, 0805, 1K4, 0.1%, 0.125W	MCWF08R1401BTL
Resistor, 0805, 14K0, 0.1%, 0.125W	MCWF08R1402BTL
Resistor, 0805, 140K, 0.1%, 0.125W	MCWF08R1403BTL
Resistor, 0805, 143R, 0.1%, 0.125W	MCWF08R1430BTL
Resistor, 0805, 1K43, 0.1%, 0.125W	MCWF08R1431BTL
Resistor, 0805, 14K3, 0.1%, 0.125W	MCWF08R1432BTL
Resistor, 0805, 143K, 0.1%, 0.125W	MCWF08R1433BTL
Resistor, 0805, 1K47, 0.1%, 0.125W	MCWF08R1471BTL
Resistor, 0805, 14K7, 0.1%, 0.125W	MCWF08R1472BTL
Resistor, 0805, 147K, 0.1%, 0.125W	MCWF08R1473BTL
Resistor, 0805, 150R, 0.1%, 0.125W	MCWF08R1500BTL
Resistor, 0805, 1K5, 0.1%, 0.125W	MCWF08R1501BTL
Resistor, 0805, 15K, 0.1%, 0.125W	MCWF08R1502BTL
Resistor, 0805, 150K, 0.1%, 0.125W	MCWF08R1503BTL
Resistor, 0805, 154R, 0.1%, 0.125W	MCWF08R1540BTL
Resistor, 0805, 15K4, 0.1%, 0.125W	MCWF08R1542BTL
Resistor, 0805, 154K, 0.1%, 0.125W	MCWF08R1543BTL
Resistor, 0805, 158R, 0.1%, 0.125W	MCWF08R1580BTL
Resistor, 0805, 1K58, 0.1%, 0.125W	MCWF08R1581BTL
Resistor, 0805, 15K8, 0.1%, 0.125W	MCWF08R1582BTL
Resistor, 0805, 158K, 0.1%, 0.125W	MCWF08R1583BTL
Resistor, 0805, 160R, 0.1%, 0.125W	MCWF08R1600BTL
Resistor, 0805, 1K6, 0.1%, 0.125W	MCWF08R1601BTL
Resistor, 0805, 16K, 0.1%, 0.125W	MCWF08R1602BTL
Resistor, 0805, 160K, 0.1%, 0.125W	MCWF08R1603BTL
Resistor, 0805, 162R, 0.1%, 0.125W	MCWF08R1620BTL
Resistor, 0805, 1K62, 0.1%, 0.125W	MCWF08R1621BTL
Resistor, 0805, 16K2, 0.1%, 0.125W	MCWF08R1622BTL
Resistor, 0805, 162K, 0.1%, 0.125W	MCWF08R1623BTL
Resistor, 0805, 165R, 0.1%, 0.125W	MCWF08R1650BTL
Resistor, 0805, 1K65, 0.1%, 0.125W	MCWF08R1651BTL
Resistor, 0805, 16K5, 0.1%, 0.125W	MCWF08R1652BTL
Resistor, 0805, 165K, 0.1%, 0.125W	MCWF08R1653BTL
Resistor, 0805, 169R, 0.1%, 0.125W	MCWF08R1690BTL
Resistor, 0805, 1K69, 0.1%, 0.125W	MCWF08R1691BTL
Resistor, 0805, 16K9, 0.1%, 0.125W	MCWF08R1692BTL

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# High Precision Power Thin Film Chip Resistors

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Description	Part Number
Resistor, 0805, 174R, 0.1%, 0.125W	MCWF08R1740BTL
Resistor, 0805, 1K74, 0.1%, 0.125W	MCWF08R1741BTL
Resistor, 0805, 17K4, 0.1%, 0.125W	MCWF08R1742BTL
Resistor, 0805, 174K, 0.1%, 0.125W	MCWF08R1743BTL
Resistor, 0805, 178R, 0.1%, 0.125W	MCWF08R1780BTL
Resistor, 0805, 1K78, 0.1%, 0.125W	MCWF08R1781BTL
Resistor, 0805, 178K, 0.1%, 0.125W	MCWF08R1783BTL
Resistor, 0805, 180R, 0.1%, 0.125W	MCWF08R1800BTL
Resistor, 0805, 1K8, 0.1%, 0.125W	MCWF08R1801BTL
Resistor, 0805, 18K, 0.1%, 0.125W	MCWF08R1802BTL
Resistor, 0805, 180K, 0.1%, 0.125W	MCWF08R1803BTL
Resistor, 0805, 182R, 0.1%, 0.125W	MCWF08R1820BTL
Resistor, 0805, 1K82, 0.1%, 0.125W	MCWF08R1821BTL
Resistor, 0805, 18K2, 0.1%, 0.125W	MCWF08R1822BTL
Resistor, 0805, 182K, 0.1%, 0.125W	MCWF08R1823BTL
Resistor, 0805, 1K87, 0.1%, 0.125W	MCWF08R1871BTL
Resistor, 0805, 187K, 0.1%, 0.125W	MCWF08R1873BTL
Resistor, 0805, 191R, 0.1%, 0.125W	MCWF08R1910BTL
Resistor, 0805, 1K91, 0.1%, 0.125W	MCWF08R1911BTL
Resistor, 0805, 191K, 0.1%, 0.125W	MCWF08R1913BTL
Resistor, 0805, 196R, 0.1%, 0.125W	MCWF08R1960BTL
Resistor, 0805, 1K96, 0.1%, 0.125W	MCWF08R1961BTL
Resistor, 0805, 19K6, 0.1%, 0.125W	MCWF08R1962BTL
Resistor, 0805, 196K, 0.1%, 0.125W	MCWF08R1963BTL
Resistor, 0805, 200R, 0.1%, 0.125W	MCWF08R2000BTL
Resistor, 0805, 20K, 0.1%, 0.125W	MCWF08R2002BTL
Resistor, 0805, 200K, 0.1%, 0.125W	MCWF08R2003BTL
Resistor, 0805, 205R, 0.1%, 0.125W	MCWF08R2050BTL
Resistor, 0805, 2K05, 0.1%, 0.125W	MCWF08R2051BTL
Resistor, 0805, 20K5, 0.1%, 0.125W	MCWF08R2052BTL
Resistor, 0805, 205K, 0.1%, 0.125W	MCWF08R2053BTL
Resistor, 0805, 210R, 0.1%, 0.125W	MCWF08R2100BTL
Resistor, 0805, 2K1, 0.1%, 0.125W	MCWF08R2101BTL
Resistor, 0805, 21K0, 0.1%, 0.125W	MCWF08R2102BTL
Resistor, 0805, 210K, 0.1%, 0.125W	MCWF08R2103BTL
Resistor, 0805, 215R, 0.1%, 0.125W	MCWF08R2150BTL
Resistor, 0805, 2K15, 0.1%, 0.125W	MCWF08R2151BTL
Resistor, 0805, 21K5, 0.1%, 0.125W	MCWF08R2152BTL

Description	Part Number
Resistor, 0805, 215K, 0.1%, 0.125W	MCWF08R2153BTL
Resistor, 0805, 220R, 0.1%, 0.125W	MCWF08R2200BTL
Resistor, 0805, 2K2, 0.1%, 0.125W	MCWF08R2201BTL
Resistor, 0805, 22K, 0.1%, 0.125W	MCWF08R2202BTL
Resistor, 0805, 220K, 0.1%, 0.125W	MCWF08R2203BTL
Resistor, 0805, 221R, 0.1%, 0.125W	MCWF08R2210BTL
Resistor, 0805, 2K21, 0.1%, 0.125W	MCWF08R2211BTL
Resistor, 0805, 22K1, 0.1%, 0.125W	MCWF08R2212BTL
Resistor, 0805, 221K, 0.1%, 0.125W	MCWF08R2213BTL
Resistor, 0805, 226R, 0.1%, 0.125W	MCWF08R2260BTL
Resistor, 0805, 2K26, 0.1%, 0.125W	MCWF08R2261BTL
Resistor, 0805, 22K6, 0.1%, 0.125W	MCWF08R2262BTL
Resistor, 0805, 232R, 0.1%, 0.125W	MCWF08R2320BTL
Resistor, 0805, 2K32, 0.1%, 0.125W	MCWF08R2321BTL
Resistor, 0805, 23K2, 0.1%, 0.125W	MCWF08R2322BTL
Resistor, 0805, 232K, 0.1%, 0.125W	MCWF08R2323BTL
Resistor, 0805, 237R, 0.1%, 0.125W	MCWF08R2370BTL
Resistor, 0805, 2K37, 0.1%, 0.125W	MCWF08R2371BTL
Resistor, 0805, 23K7, 0.1%, 0.125W	MCWF08R2372BTL
Resistor, 0805, 237K, 0.1%, 0.125W	MCWF08R2373BTL
Resistor, 0805, 240R, 0.1%, 0.125W	MCWF08R2400BTL
Resistor, 0805, 2K4, 0.1%, 0.125W	MCWF08R2401BTL
Resistor, 0805, 24K, 0.1%, 0.125W	MCWF08R2402BTL
Resistor, 0805, 240K, 0.1%, 0.125W	MCWF08R2403BTL
Resistor, 0805, 243R, 0.1%, 0.125W	MCWF08R2430BTL
Resistor, 0805, 2K43, 0.1%, 0.125W	MCWF08R2431BTL
Resistor, 0805, 24K3, 0.1%, 0.125W	MCWF08R2432BTL
Resistor, 0805, 243K, 0.1%, 0.125W	MCWF08R2433BTL
Resistor, 0805, 249R, 0.1%, 0.125W	MCWF08R2490BTL
Resistor, 0805, 2K49, 0.1%, 0.125W	MCWF08R2491BTL
Resistor, 0805, 24K9, 0.1%, 0.125W	MCWF08R2492BTL
Resistor, 0805, 249K, 0.1%, 0.125W	MCWF08R2493BTL
Resistor, 0805, 255R, 0.1%, 0.125W	MCWF08R2550BTL
Resistor, 0805, 2K55, 0.1%, 0.125W	MCWF08R2551BTL
Resistor, 0805, 25K5, 0.1%, 0.125W	MCWF08R2552BTL
Resistor, 0805, 255K, 0.1%, 0.125W	MCWF08R2553BTL
Resistor, 0805, 261R, 0.1%, 0.125W	MCWF08R2610BTL
Resistor, 0805, 2K61, 0.1%, 0.125W	MCWF08R2611BTL

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# High Precision Power Thin Film Chip Resistors

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Description	Part Number
Resistor, 0805, 26K1, 0.1%, 0.125W	MCWF08R2612BTL
Resistor, 0805, 261K, 0.1%, 0.125W	MCWF08R2613BTL
Resistor, 0805, 267R, 0.1%, 0.125W	MCWF08R2670BTL
Resistor, 0805, 2K67, 0.1%, 0.125W	MCWF08R2671BTL
Resistor, 0805, 26K7, 0.1%, 0.125W	MCWF08R2672BTL
Resistor, 0805, 267K, 0.1%, 0.125W	MCWF08R2673BTL
Resistor, 0805, 270R, 0.1%, 0.125W	MCWF08R2700BTL
Resistor, 0805, 2K7, 0.1%, 0.125W	MCWF08R2701BTL
Resistor, 0805, 27K, 0.1%, 0.125W	MCWF08R2702BTL
Resistor, 0805, 270K, 0.1%, 0.125W	MCWF08R2703BTL
Resistor, 0805, 274R, 0.1%, 0.125W	MCWF08R2740BTL
Resistor, 0805, 2K74, 0.1%, 0.125W	MCWF08R2741BTL
Resistor, 0805, 27K4, 0.1%, 0.125W	MCWF08R2742BTL
Resistor, 0805, 274K, 0.1%, 0.125W	MCWF08R2743BTL
Resistor, 0805, 280R, 0.1%, 0.125W	MCWF08R2800BTL
Resistor, 0805, 2K8, 0.1%, 0.125W	MCWF08R2801BTL
Resistor, 0805, 28K0, 0.1%, 0.125W	MCWF08R2802BTL
Resistor, 0805, 280K, 0.1%, 0.125W	MCWF08R2803BTL
Resistor, 0805, 287R, 0.1%, 0.125W	MCWF08R2870BTL
Resistor, 0805, 2K87, 0.1%, 0.125W	MCWF08R2871BTL
Resistor, 0805, 28K7, 0.1%, 0.125W	MCWF08R2872BTL
Resistor, 0805, 287K, 0.1%, 0.125W	MCWF08R2873BTL
Resistor, 0805, 294R, 0.1%, 0.125W	MCWF08R2940BTL
Resistor, 0805, 2K94, 0.1%, 0.125W	MCWF08R2941BTL
Resistor, 0805, 29K4, 0.1%, 0.125W	MCWF08R2942BTL
Resistor, 0805, 294K, 0.1%, 0.125W	MCWF08R2943BTL
Resistor, 0805, 300R, 0.1%, 0.125W	MCWF08R3000BTL
Resistor, 0805, 30K, 0.1%, 0.125W	MCWF08R3002BTL
Resistor, 0805, 300K, 0.1%, 0.125W	MCWF08R3003BTL
Resistor, 0805, 301R, 0.1%, 0.125W	MCWF08R3010BTL
Resistor, 0805, 3K01, 0.1%, 0.125W	MCWF08R3011BTL
Resistor, 0805, 30K1, 0.1%, 0.125W	MCWF08R3012BTL
Resistor, 0805, 301K, 0.1%, 0.125W	MCWF08R3013BTL
Resistor, 0805, 309R, 0.1%, 0.125W	MCWF08R3090BTL
Resistor, 0805, 30K9, 0.1%, 0.125W	MCWF08R3092BTL
Resistor, 0805, 309K, 0.1%, 0.125W	MCWF08R3093BTL
Resistor, 0805, 316R, 0.1%, 0.125W	MCWF08R3160BTL
Resistor, 0805, 3K16, 0.1%, 0.125W	MCWF08R3161BTL
Resistor, 0805, 31K6, 0.1%, 0.125W	MCWF08R3162BTL

Description	Part Number
Resistor, 0805, 316K, 0.1%, 0.125W	MCWF08R3163BTL
Resistor, 0805, 324R, 0.1%, 0.125W	MCWF08R3240BTL
Resistor, 0805, 3K24, 0.1%, 0.125W	MCWF08R3241BTL
Resistor, 0805, 32K4, 0.1%, 0.125W	MCWF08R3242BTL
Resistor, 0805, 324K, 0.1%, 0.125W	MCWF08R3243BTL
Resistor, 0805, 330R, 0.1%, 0.125W	MCWF08R3300BTL
Resistor, 0805, 3K3, 0.1%, 0.125W	MCWF08R3301BTL
Resistor, 0805, 33K, 0.1%, 0.125W	MCWF08R3302BTL
Resistor, 0805, 330K, 0.1%, 0.125W	MCWF08R3303BTL
Resistor, 0805, 332R, 0.1%, 0.125W	MCWF08R3320BTL
Resistor, 0805, 3K32, 0.1%, 0.125W	MCWF08R3321BTL
Resistor, 0805, 33K2, 0.1%, 0.125W	MCWF08R3322BTL
Resistor, 0805, 332K, 0.1%, 0.125W	MCWF08R3323BTL
Resistor, 0805, 340R, 0.1%, 0.125W	MCWF08R3400BTL
Resistor, 0805, 3K4, 0.1%, 0.125W	MCWF08R3401BTL
Resistor, 0805, 34K0, 0.1%, 0.125W	MCWF08R3402BTL
Resistor, 0805, 340K, 0.1%, 0.125W	MCWF08R3403BTL
Resistor, 0805, 348R, 0.1%, 0.125W	MCWF08R3480BTL
Resistor, 0805, 3K48, 0.1%, 0.125W	MCWF08R3481BTL
Resistor, 0805, 34K8, 0.1%, 0.125W	MCWF08R3482BTL
Resistor, 0805, 348K, 0.1%, 0.125W	MCWF08R3483BTL
Resistor, 0805, 357R, 0.1%, 0.125W	MCWF08R3570BTL
Resistor, 0805, 3K57, 0.1%, 0.125W	MCWF08R3571BTL
Resistor, 0805, 35K7, 0.1%, 0.125W	MCWF08R3572BTL
Resistor, 0805, 357K, 0.1%, 0.125W	MCWF08R3573BTL
Resistor, 0805, 360R, 0.1%, 0.125W	MCWF08R3600BTL
Resistor, 0805, 3K6, 0.1%, 0.125W	MCWF08R3601BTL
Resistor, 0805, 36K, 0.1%, 0.125W	MCWF08R3602BTL
Resistor, 0805, 360K, 0.1%, 0.125W	MCWF08R3603BTL
Resistor, 0805, 365R, 0.1%, 0.125W	MCWF08R3650BTL
Resistor, 0805, 3K65, 0.1%, 0.125W	MCWF08R3651BTL
Resistor, 0805, 36K5, 0.1%, 0.125W	MCWF08R3652BTL
Resistor, 0805, 365K, 0.1%, 0.125W	MCWF08R3653BTL
Resistor, 0805, 374R, 0.1%, 0.125W	MCWF08R3740BTL
Resistor, 0805, 3K74, 0.1%, 0.125W	MCWF08R3741BTL
Resistor, 0805, 37K4, 0.1%, 0.125W	MCWF08R3742BTL
Resistor, 0805, 374K, 0.1%, 0.125W	MCWF08R3743BTL
Resistor, 0805, 383R, 0.1%, 0.125W	MCWF08R3830BTL
Resistor, 0805, 3K83, 0.1%, 0.125W	MCWF08R3831BTL

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# High Precision Power Thin Film Chip Resistors



Description	Part Number
Resistor, 0805, 38K3, 0.1%, 0.125W	MCWF08R3832BTL
Resistor, 0805, 383K, 0.1%, 0.125W	MCWF08R3833BTL
Resistor, 0805, 390R, 0.1%, 0.125W	MCWF08R3900BTL
Resistor, 0805, 3K9, 0.1%, 0.125W	MCWF08R3901BTL
Resistor, 0805, 39K, 0.1%, 0.125W	MCWF08R3902BTL
Resistor, 0805, 390K, 0.1%, 0.125W	MCWF08R3903BTL
Resistor, 0805, 392R, 0.1%, 0.125W	MCWF08R3920BTL
Resistor, 0805, 3K92, 0.1%, 0.125W	MCWF08R3921BTL
Resistor, 0805, 39K2, 0.1%, 0.125W	MCWF08R3922BTL
Resistor, 0805, 392K, 0.1%, 0.125W	MCWF08R3923BTL
Resistor, 0805, 402R, 0.1%, 0.125W	MCWF08R4020BTL
Resistor, 0805, 4K02, 0.1%, 0.125W	MCWF08R4021BTL
Resistor, 0805, 40K2, 0.1%, 0.125W	MCWF08R4022BTL
Resistor, 0805, 402K, 0.1%, 0.125W	MCWF08R4023BTL
Resistor, 0805, 412R, 0.1%, 0.125W	MCWF08R4120BTL
Resistor, 0805, 4K12, 0.1%, 0.125W	MCWF08R4121BTL
Resistor, 0805, 41K2, 0.1%, 0.125W	MCWF08R4122BTL
Resistor, 0805, 412K, 0.1%, 0.125W	MCWF08R4123BTL
Resistor, 0805, 422R, 0.1%, 0.125W	MCWF08R4220BTL
Resistor, 0805, 4K22, 0.1%, 0.125W	MCWF08R4221BTL
Resistor, 0805, 42K2, 0.1%, 0.125W	MCWF08R4222BTL
Resistor, 0805, 422K, 0.1%, 0.125W	MCWF08R4223BTL
Resistor, 0805, 430R, 0.1%, 0.125W	MCWF08R4300BTL
Resistor, 0805, 43K, 0.1%, 0.125W	MCWF08R4302BTL
Resistor, 0805, 430K, 0.1%, 0.125W	MCWF08R4303BTL
Resistor, 0805, 432R, 0.1%, 0.125W	MCWF08R4320BTL
Resistor, 0805, 4K32, 0.1%, 0.125W	MCWF08R4321BTL
Resistor, 0805, 43K2, 0.1%, 0.125W	MCWF08R4322BTL
Resistor, 0805, 432K, 0.1%, 0.125W	MCWF08R4323BTL
Resistor, 0805, 442R, 0.1%, 0.125W	MCWF08R4420BTL
Resistor, 0805, 4K42, 0.1%, 0.125W	MCWF08R4421BTL
Resistor, 0805, 44K2, 0.1%, 0.125W	MCWF08R4422BTL
Resistor, 0805, 442K, 0.1%, 0.125W	MCWF08R4423BTL
Resistor, 0805, 453R, 0.1%, 0.125W	MCWF08R4530BTL
Resistor, 0805, 4K53, 0.1%, 0.125W	MCWF08R4531BTL
Resistor, 0805, 45K3, 0.1%, 0.125W	MCWF08R4532BTL
Resistor, 0805, 453K, 0.1%, 0.125W	MCWF08R4533BTL
Resistor, 0805, 464R, 0.1%, 0.125W	MCWF08R4640BTL
Resistor, 0805, 4K64, 0.1%, 0.125W	MCWF08R4641BTL

Description	Part Number
Resistor, 0805, 46K4, 0.1%, 0.125W	MCWF08R4642BTL
Resistor, 0805, 464K, 0.1%, 0.125W	MCWF08R4643BTL
Resistor, 0805, 470R, 0.1%, 0.125W	MCWF08R4700BTL
Resistor, 0805, 4K7, 0.1%, 0.125W	MCWF08R4701BTL
Resistor, 0805, 47K, 0.1%, 0.125W	MCWF08R4702BTL
Resistor, 0805, 475R, 0.1%, 0.125W	MCWF08R4750BTL
Resistor, 0805, 4K75, 0.1%, 0.125W	MCWF08R4751BTL
Resistor, 0805, 475K, 0.1%, 0.125W	MCWF08R4753BTL
Resistor, 0805, 47R5, 0.1%, 0.125W	MCWF08R47R5BTL
Resistor, 0805, 487R, 0.1%, 0.125W	MCWF08R4870BTL
Resistor, 0805, 4K87, 0.1%, 0.125W	MCWF08R4871BTL
Resistor, 0805, 48K7, 0.1%, 0.125W	MCWF08R4872BTL
Resistor, 0805, 487K, 0.1%, 0.125W	MCWF08R4873BTL
Resistor, 0805, 48R7, 0.1%, 0.125W	MCWF08R48R7BTL
Resistor, 0805, 499R, 0.1%, 0.125W	MCWF08R4990BTL
Resistor, 0805, 4K99, 0.1%, 0.125W	MCWF08R4991BTL
Resistor, 0805, 499K, 0.1%, 0.125W	MCWF08R4993BTL
Resistor, 0805, 510R, 0.1%, 0.125W	MCWF08R5100BTL
Resistor, 0805, 5K1, 0.1%, 0.125W	MCWF08R5101BTL
Resistor, 0805, 510K, 0.1%, 0.125W	MCWF08R5103BTL
Resistor, 0805, 511R, 0.1%, 0.125W	MCWF08R5110BTL
Resistor, 0805, 5K11, 0.1%, 0.125W	MCWF08R5111BTL
Resistor, 0805, 511K, 0.1%, 0.125W	MCWF08R5113BTL
Resistor, 0805, 51R, 0.1%, 0.125W	MCWF08R51R0BTL
Resistor, 0805, 51R1, 0.1%, 0.125W	MCWF08R51R1BTL
Resistor, 0805, 523R, 0.1%, 0.125W	MCWF08R5230BTL
Resistor, 0805, 5K23, 0.1%, 0.125W	MCWF08R5231BTL
Resistor, 0805, 52K3, 0.1%, 0.125W	MCWF08R5232BTL
Resistor, 0805, 523K, 0.1%, 0.125W	MCWF08R5233BTL
Resistor, 0805, 52R3, 0.1%, 0.125W	MCWF08R52R3BTL
Resistor, 0805, 536R, 0.1%, 0.125W	MCWF08R5360BTL
Resistor, 0805, 5K36, 0.1%, 0.125W	MCWF08R5361BTL
Resistor, 0805, 53K6, 0.1%, 0.125W	MCWF08R5362BTL
Resistor, 0805, 536K, 0.1%, 0.125W	MCWF08R5363BTL
Resistor, 0805, 53R6, 0.1%, 0.125W	MCWF08R53R6BTL
Resistor, 0805, 549R, 0.1%, 0.125W	MCWF08R5490BTL
Resistor, 0805, 5K49, 0.1%, 0.125W	MCWF08R5491BTL
Resistor, 0805, 54K9, 0.1%, 0.125W	MCWF08R5492BTL
Resistor, 0805, 549K, 0.1%, 0.125W	MCWF08R5493BTL

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# High Precision Power Thin Film Chip Resistors

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Description	Part Number
Resistor, 0805, 54R9, 0.1%, 0.125W	MCWF08R54R9BTL
Resistor, 0805, 560R, 0.1%, 0.125W	MCWF08R5600BTL
Resistor, 0805, 5K6, 0.1%, 0.125W	MCWF08R5601BTL
Resistor, 0805, 56K, 0.1%, 0.125W	MCWF08R5602BTL
Resistor, 0805, 560K, 0.1%, 0.125W	MCWF08R5603BTL
Resistor, 0805, 562R, 0.1%, 0.125W	MCWF08R5620BTL
Resistor, 0805, 5K62, 0.1%, 0.125W	MCWF08R5621BTL
Resistor, 0805, 56K2, 0.1%, 0.125W	MCWF08R5622BTL
Resistor, 0805, 562K, 0.1%, 0.125W	MCWF08R5623BTL
Resistor, 0805, 56R, 0.1%, 0.125W	MCWF08R56R0BTL
Resistor, 0805, 56R2, 0.1%, 0.125W	MCWF08R56R2BTL
Resistor, 0805, 576R, 0.1%, 0.125W	MCWF08R5760BTL
Resistor, 0805, 5K76, 0.1%, 0.125W	MCWF08R5761BTL
Resistor, 0805, 57K6, 0.1%, 0.125W	MCWF08R5762BTL
Resistor, 0805, 57R6, 0.1%, 0.125W	MCWF08R57R6BTL
Resistor, 0805, 590R, 0.1%, 0.125W	MCWF08R5900BTL
Resistor, 0805, 5K9, 0.1%, 0.125W	MCWF08R5901BTL
Resistor, 0805, 59K0, 0.1%, 0.125W	MCWF08R5902BTL
Resistor, 0805, 590K, 0.1%, 0.125W	MCWF08R5903BTL
Resistor, 0805, 59R, 0.1%, 0.125W	MCWF08R59R0BTL
Resistor, 0805, 604R, 0.1%, 0.125W	MCWF08R6040BTL
Resistor, 0805, 6K04, 0.1%, 0.125W	MCWF08R6041BTL
Resistor, 0805, 60K4, 0.1%, 0.125W	MCWF08R6042BTL
Resistor, 0805, 604K, 0.1%, 0.125W	MCWF08R6043BTL
Resistor, 0805, 60R4, 0.1%, 0.125W	MCWF08R60R4BTL
Resistor, 0805, 6K19, 0.1%, 0.125W	MCWF08R6191BTL
Resistor, 0805, 619K, 0.1%, 0.125W	MCWF08R6193BTL
Resistor, 0805, 61R9, 0.1%, 0.125W	MCWF08R61R9BTL
Resistor, 0805, 620R, 0.1%, 0.125W	MCWF08R6200BTL
Resistor, 0805, 6K2, 0.1%, 0.125W	MCWF08R6201BTL
Resistor, 0805, 62K, 0.1%, 0.125W	MCWF08R6202BTL
Resistor, 0805, 620K, 0.1%, 0.125W	MCWF08R6203BTL
Resistor, 0805, 62R, 0.1%, 0.125W	MCWF08R62R0BTL
Resistor, 0805, 634R, 0.1%, 0.125W	MCWF08R6340BTL
Resistor, 0805, 6K34, 0.1%, 0.125W	MCWF08R6341BTL
Resistor, 0805, 63K4, 0.1%, 0.125W	MCWF08R6342BTL
Resistor, 0805, 634K, 0.1%, 0.125W	MCWF08R6343BTL
Resistor, 0805, 63R4, 0.1%, 0.125W	MCWF08R63R4BTL
Resistor, 0805, 6K49, 0.1%, 0.125W	MCWF08R6491BTL

Description	Part Number
Resistor, 0805, 64K9, 0.1%, 0.125W	MCWF08R6492BTL
Resistor, 0805, 649K, 0.1%, 0.125W	MCWF08R6493BTL
Resistor, 0805, 64R9, 0.1%, 0.125W	MCWF08R64R9BTL
Resistor, 0805, 665R, 0.1%, 0.125W	MCWF08R6650BTL
Resistor, 0805, 66K5, 0.1%, 0.125W	MCWF08R6652BTL
Resistor, 0805, 665K, 0.1%, 0.125W	MCWF08R6653BTL
Resistor, 0805, 66R5, 0.1%, 0.125W	MCWF08R66R5BTL
Resistor, 0805, 680R, 0.1%, 0.125W	MCWF08R6800BTL
Resistor, 0805, 6K8, 0.1%, 0.125W	MCWF08R6801BTL
Resistor, 0805, 68K, 0.1%, 0.125W	MCWF08R6802BTL
Resistor, 0805, 680K, 0.1%, 0.125W	MCWF08R6803BTL
Resistor, 0805, 681R, 0.1%, 0.125W	MCWF08R6810BTL
Resistor, 0805, 68K1, 0.1%, 0.125W	MCWF08R6812BTL
Resistor, 0805, 681K, 0.1%, 0.125W	MCWF08R6813BTL
Resistor, 0805, 68R, 0.1%, 0.125W	MCWF08R68R0BTL
Resistor, 0805, 68R1, 0.1%, 0.125W	MCWF08R68R1BTL
Resistor, 0805, 698R, 0.1%, 0.125W	MCWF08R6980BTL
Resistor, 0805, 6K98, 0.1%, 0.125W	MCWF08R6981BTL
Resistor, 0805, 69K8, 0.1%, 0.125W	MCWF08R6982BTL
Resistor, 0805, 698K, 0.1%, 0.125W	MCWF08R6983BTL
Resistor, 0805, 69R8, 0.1%, 0.125W	MCWF08R69R8BTL
Resistor, 0805, 715R, 0.1%, 0.125W	MCWF08R7150BTL
Resistor, 0805, 7K15, 0.1%, 0.125W	MCWF08R7151BTL
Resistor, 0805, 71K5, 0.1%, 0.125W	MCWF08R7152BTL
Resistor, 0805, 715K, 0.1%, 0.125W	MCWF08R7153BTL
Resistor, 0805, 71R5, 0.1%, 0.125W	MCWF08R71R5BTL
Resistor, 0805, 732R, 0.1%, 0.125W	MCWF08R7320BTL
Resistor, 0805, 7K32, 0.1%, 0.125W	MCWF08R7321BTL
Resistor, 0805, 73K2, 0.1%, 0.125W	MCWF08R7322BTL
Resistor, 0805, 732K, 0.1%, 0.125W	MCWF08R7323BTL
Resistor, 0805, 73R2, 0.1%, 0.125W	MCWF08R73R2BTL
Resistor, 0805, 750R, 0.1%, 0.125W	MCWF08R7500BTL
Resistor, 0805, 7K5, 0.1%, 0.125W	MCWF08R7501BTL
Resistor, 0805, 75K, 0.1%, 0.125W	MCWF08R7502BTL
Resistor, 0805, 750K, 0.1%, 0.125W	MCWF08R7503BTL
Resistor, 0805, 75R, 0.1%, 0.125W	MCWF08R75R0BTL
Resistor, 0805, 768R, 0.1%, 0.125W	MCWF08R7680BTL
Resistor, 0805, 7K68, 0.1%, 0.125W	MCWF08R7681BTL
Resistor, 0805, 76K8, 0.1%, 0.125W	MCWF08R7682BTL

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# High Precision Power Thin Film Chip Resistors



Description	Part Number
Resistor, 0805, 768K, 0.1%, 0.125W	MCWF08R7683BTL
Resistor, 0805, 76R8, 0.1%, 0.125W	MCWF08R76R8BTL
Resistor, 0805, 787R, 0.1%, 0.125W	MCWF08R7870BTL
Resistor, 0805, 7K87, 0.1%, 0.125W	MCWF08R7871BTL
Resistor, 0805, 78K7, 0.1%, 0.125W	MCWF08R7872BTL
Resistor, 0805, 787K, 0.1%, 0.125W	MCWF08R7873BTL
Resistor, 0805, 78R7, 0.1%, 0.125W	MCWF08R787R7BTL
Resistor, 0805, 806R, 0.1%, 0.125W	MCWF08R8060BTL
Resistor, 0805, 8K06, 0.1%, 0.125W	MCWF08R8061BTL
Resistor, 0805, 80K6, 0.1%, 0.125W	MCWF08R8062BTL
Resistor, 0805, 806K, 0.1%, 0.125W	MCWF08R8063BTL
Resistor, 0805, 80R6, 0.1%, 0.125W	MCWF08R80R6BTL
Resistor, 0805, 820R, 0.1%, 0.125W	MCWF08R8200BTL
Resistor, 0805, 8K2, 0.1%, 0.125W	MCWF08R8201BTL
Resistor, 0805, 820K, 0.1%, 0.125W	MCWF08R8203BTL
Resistor, 0805, 825R, 0.1%, 0.125W	MCWF08R8250BTL
Resistor, 0805, 8K25, 0.1%, 0.125W	MCWF08R8251BTL
Resistor, 0805, 82K5, 0.1%, 0.125W	MCWF08R8252BTL
Resistor, 0805, 825K, 0.1%, 0.125W	MCWF08R8253BTL
Resistor, 0805, 845R, 0.1%, 0.125W	MCWF08R8450BTL
Resistor, 0805, 8K45, 0.1%, 0.125W	MCWF08R8451BTL
Resistor, 0805, 84K5, 0.1%, 0.125W	MCWF08R8452BTL
Resistor, 0805, 845K, 0.1%, 0.125W	MCWF08R8453BTL
Resistor, 0805, 84R5, 0.1%, 0.125W	MCWF08R84R5BTL
Resistor, 0805, 866R, 0.1%, 0.125W	MCWF08R8660BTL
Resistor, 0805, 8K66, 0.1%, 0.125W	MCWF08R8661BTL
Resistor, 0805, 86K6, 0.1%, 0.125W	MCWF08R8662BTL
Resistor, 0805, 866K, 0.1%, 0.125W	MCWF08R8663BTL
Resistor, 0805, 86R6, 0.1%, 0.125W	MCWF08R86R6BTL
Resistor, 0805, 887R, 0.1%, 0.125W	MCWF08R8870BTL
Resistor, 0805, 8K87, 0.1%, 0.125W	MCWF08R8871BTL
Resistor, 0805, 88K7, 0.1%, 0.125W	MCWF08R8872BTL
Resistor, 0805, 887K, 0.1%, 0.125W	MCWF08R8873BTL
Resistor, 0805, 88R7, 0.1%, 0.125W	MCWF08R88R7BTL
Resistor, 0805, 909R, 0.1%, 0.125W	MCWF08R9090BTL
Resistor, 0805, 9K09, 0.1%, 0.125W	MCWF08R9091BTL
Resistor, 0805, 90K9, 0.1%, 0.125W	MCWF08R9092BTL
Resistor, 0805, 909K, 0.1%, 0.125W	MCWF08R9093BTL
Resistor, 0805, 910R, 0.1%, 0.125W	MCWF08R9100BTL

Description	Part Number
Resistor, 0805, 9K1, 0.1%, 0.125W	MCWF08R9101BTL
Resistor, 0805, 91K, 0.1%, 0.125W	MCWF08R9102BTL
Resistor, 0805, 910K, 0.1%, 0.125W	MCWF08R9103BTL
Resistor, 0805, 931R, 0.1%, 0.125W	MCWF08R9310BTL
Resistor, 0805, 9K31, 0.1%, 0.125W	MCWF08R9311BTL
Resistor, 0805, 93K1, 0.1%, 0.125W	MCWF08R9312BTL
Resistor, 0805, 931K, 0.1%, 0.125W	MCWF08R9313BTL
Resistor, 0805, 93R1, 0.1%, 0.125W	MCWF08R93R1BTL
Resistor, 0805, 953R, 0.1%, 0.125W	MCWF08R9530BTL
Resistor, 0805, 9K53, 0.1%, 0.125W	MCWF08R9531BTL
Resistor, 0805, 95K3, 0.1%, 0.125W	MCWF08R9532BTL
Resistor, 0805, 953K, 0.1%, 0.125W	MCWF08R9533BTL
Resistor, 0805, 95R3, 0.1%, 0.125W	MCWF08R95R3BTL
Resistor, 0805, 976R, 0.1%, 0.125W	MCWF08R9760BTL
Resistor, 0805, 9K76, 0.1%, 0.125W	MCWF08R9761BTL
Resistor, 0805, 97K6, 0.1%, 0.125W	MCWF08R9762BTL
Resistor, 0805, 976K, 0.1%, 0.125W	MCWF08R9763BTL
Resistor, 0805, 97R6, 0.1%, 0.125W	MCWF08R97R6BTL
Resistor, 1206, 102R, 0.1%, 0.25W	MCWF12R1020BTL
Resistor, 1206, 1K02, 0.1%, 0.25W	MCWF12R1021BTL
Resistor, 1206, 10K2, 0.1%, 0.25W	MCWF12R1022BTL
Resistor, 1206, 102K, 0.1%, 0.25W	MCWF12R1023BTL
Resistor, 1206, 105R, 0.1%, 0.25W	MCWF12R1050BTL
Resistor, 1206, 1K05, 0.1%, 0.25W	MCWF12R1051BTL
Resistor, 1206, 10K5, 0.1%, 0.25W	MCWF12R1052BTL
Resistor, 1206, 105K, 0.1%, 0.25W	MCWF12R1053BTL
Resistor, 1206, 107R, 0.1%, 0.25W	MCWF12R1070BTL
Resistor, 1206, 1K07, 0.1%, 0.25W	MCWF12R1071BTL
Resistor, 1206, 10K7, 0.1%, 0.25W	MCWF12R1072BTL
Resistor, 1206, 107K, 0.1%, 0.25W	MCWF12R1073BTL
Resistor, 1206, 113R, 0.1%, 0.25W	MCWF12R1130BTL
Resistor, 1206, 1K13, 0.1%, 0.25W	MCWF12R1131BTL
Resistor, 1206, 11K3, 0.1%, 0.25W	MCWF12R1132BTL
Resistor, 1206, 113K, 0.1%, 0.25W	MCWF12R1133BTL
Resistor, 1206, 115R, 0.1%, 0.25W	MCWF12R1150BTL
Resistor, 1206, 1K15, 0.1%, 0.25W	MCWF12R1151BTL
Resistor, 1206, 11K5, 0.1%, 0.25W	MCWF12R1152BTL
Resistor, 1206, 115K, 0.1%, 0.25W	MCWF12R1153BTL
Resistor, 1206, 118R, 0.1%, 0.25W	MCWF12R1180BTL

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# High Precision Power Thin Film Chip Resistors



Description	Part Number
Resistor, 1206, 1K18, 0.1%, 0.25W	MCWF12R1181BTL
Resistor, 1206, 11K8, 0.1%, 0.25W	MCWF12R1182BTL
Resistor, 1206, 118K, 0.1%, 0.25W	MCWF12R1183BTL
Resistor, 1206, 121R, 0.1%, 0.25W	MCWF12R1210BTL
Resistor, 1206, 1K21, 0.1%, 0.25W	MCWF12R1211BTL
Resistor, 1206, 12K1, 0.1%, 0.25W	MCWF12R1212BTL
Resistor, 1206, 121K, 0.1%, 0.25W	MCWF12R1213BTL
Resistor, 1206, 124R, 0.1%, 0.25W	MCWF12R1240BTL
Resistor, 1206, 1K24, 0.1%, 0.25W	MCWF12R1241BTL
Resistor, 1206, 12K4, 0.1%, 0.25W	MCWF12R1242BTL
Resistor, 1206, 124K, 0.1%, 0.25W	MCWF12R1243BTL
Resistor, 1206, 127R, 0.1%, 0.25W	MCWF12R1270BTL
Resistor, 1206, 1K27, 0.1%, 0.25W	MCWF12R1271BTL
Resistor, 1206, 12K7, 0.1%, 0.25W	MCWF12R1272BTL
Resistor, 1206, 127K, 0.1%, 0.25W	MCWF12R1273BTL
Resistor, 1206, 133R, 0.1%, 0.25W	MCWF12R1330BTL
Resistor, 1206, 1K33, 0.1%, 0.25W	MCWF12R1331BTL
Resistor, 1206, 13K3, 0.1%, 0.25W	MCWF12R1332BTL
Resistor, 1206, 133K, 0.1%, 0.25W	MCWF12R1333BTL
Resistor, 1206, 137R, 0.1%, 0.25W	MCWF12R1370BTL
Resistor, 1206, 1K37, 0.1%, 0.25W	MCWF12R1371BTL
Resistor, 1206, 13K7, 0.1%, 0.25W	MCWF12R1372BTL
Resistor, 1206, 137K, 0.1%, 0.25W	MCWF12R1373BTL
Resistor, 1206, 140R, 0.1%, 0.25W	MCWF12R1400BTL
Resistor, 1206, 1K4, 0.1%, 0.25W	MCWF12R1401BTL
Resistor, 1206, 14K0, 0.1%, 0.25W	MCWF12R1402BTL
Resistor, 1206, 140K, 0.1%, 0.25W	MCWF12R1403BTL
Resistor, 1206, 143R, 0.1%, 0.25W	MCWF12R1430BTL
Resistor, 1206, 1K43, 0.1%, 0.25W	MCWF12R1431BTL
Resistor, 1206, 14K3, 0.1%, 0.25W	MCWF12R1432BTL
Resistor, 1206, 143K, 0.1%, 0.25W	MCWF12R1433BTL
Resistor, 1206, 147R, 0.1%, 0.25W	MCWF12R1470BTL
Resistor, 1206, 1K47, 0.1%, 0.25W	MCWF12R1471BTL
Resistor, 1206, 14K7, 0.1%, 0.25W	MCWF12R1472BTL
Resistor, 1206, 147K, 0.1%, 0.25W	MCWF12R1473BTL
Resistor, 1206, 154R, 0.1%, 0.25W	MCWF12R1540BTL
Resistor, 1206, 1K54, 0.1%, 0.25W	MCWF12R1541BTL
Resistor, 1206, 15K4, 0.1%, 0.25W	MCWF12R1542BTL
Resistor, 1206, 154K, 0.1%, 0.25W	MCWF12R1543BTL

Description	Part Number
Resistor, 1206, 158R, 0.1%, 0.25W	MCWF12R1580BTL
Resistor, 1206, 1K58, 0.1%, 0.25W	MCWF12R1581BTL
Resistor, 1206, 15K8, 0.1%, 0.25W	MCWF12R1582BTL
Resistor, 1206, 158K, 0.1%, 0.25W	MCWF12R1583BTL
Resistor, 1206, 162R, 0.1%, 0.25W	MCWF12R1620BTL
Resistor, 1206, 1K62, 0.1%, 0.25W	MCWF12R1621BTL
Resistor, 1206, 16K2, 0.1%, 0.25W	MCWF12R1622BTL
Resistor, 1206, 162K, 0.1%, 0.25W	MCWF12R1623BTL
Resistor, 1206, 165R, 0.1%, 0.25W	MCWF12R1650BTL
Resistor, 1206, 1K65, 0.1%, 0.25W	MCWF12R1651BTL
Resistor, 1206, 16K5, 0.1%, 0.25W	MCWF12R1652BTL
Resistor, 1206, 165K, 0.1%, 0.25W	MCWF12R1653BTL
Resistor, 1206, 169R, 0.1%, 0.25W	MCWF12R1690BTL
Resistor, 1206, 1K69, 0.1%, 0.25W	MCWF12R1691BTL
Resistor, 1206, 16K9, 0.1%, 0.25W	MCWF12R1692BTL
Resistor, 1206, 169K, 0.1%, 0.25W	MCWF12R1693BTL
Resistor, 1206, 174R, 0.1%, 0.25W	MCWF12R1740BTL
Resistor, 1206, 1K74, 0.1%, 0.25W	MCWF12R1741BTL
Resistor, 1206, 17K4, 0.1%, 0.25W	MCWF12R1742BTL
Resistor, 1206, 174K, 0.1%, 0.25W	MCWF12R1743BTL
Resistor, 1206, 178R, 0.1%, 0.25W	MCWF12R1780BTL
Resistor, 1206, 1K78, 0.1%, 0.25W	MCWF12R1781BTL
Resistor, 1206, 17K8, 0.1%, 0.25W	MCWF12R1782BTL
Resistor, 1206, 178K, 0.1%, 0.25W	MCWF12R1783BTL
Resistor, 1206, 182R, 0.1%, 0.25W	MCWF12R1820BTL
Resistor, 1206, 1K82, 0.1%, 0.25W	MCWF12R1821BTL
Resistor, 1206, 18K2, 0.1%, 0.25W	MCWF12R1822BTL
Resistor, 1206, 182K, 0.1%, 0.25W	MCWF12R1823BTL
Resistor, 1206, 187R, 0.1%, 0.25W	MCWF12R1870BTL
Resistor, 1206, 1K87, 0.1%, 0.25W	MCWF12R1871BTL
Resistor, 1206, 18K7, 0.1%, 0.25W	MCWF12R1872BTL
Resistor, 1206, 187K, 0.1%, 0.25W	MCWF12R1873BTL
Resistor, 1206, 191R, 0.1%, 0.25W	MCWF12R1910BTL
Resistor, 1206, 1K91, 0.1%, 0.25W	MCWF12R1911BTL
Resistor, 1206, 19K1, 0.1%, 0.25W	MCWF12R1912BTL
Resistor, 1206, 191K, 0.1%, 0.25W	MCWF12R1913BTL
Resistor, 1206, 196R, 0.1%, 0.25W	MCWF12R1960BTL
Resistor, 1206, 1K96, 0.1%, 0.25W	MCWF12R1961BTL
Resistor, 1206, 19K6, 0.1%, 0.25W	MCWF12R1962BTL

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# High Precision Power Thin Film Chip Resistors

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Description	Part Number
Resistor, 1206, 196K, 0.1%, 0.25W	MCWF12R1963BTL
Resistor, 1206, 205R, 0.1%, 0.25W	MCWF12R2050BTL
Resistor, 1206, 2K05, 0.1%, 0.25W	MCWF12R2051BTL
Resistor, 1206, 20K5, 0.1%, 0.25W	MCWF12R2052BTL
Resistor, 1206, 205K, 0.1%, 0.25W	MCWF12R2053BTL
Resistor, 1206, 210R, 0.1%, 0.25W	MCWF12R2100BTL
Resistor, 1206, 2K1, 0.1%, 0.25W	MCWF12R2101BTL
Resistor, 1206, 21K0, 0.1%, 0.25W	MCWF12R2102BTL
Resistor, 1206, 210K, 0.1%, 0.25W	MCWF12R2103BTL
Resistor, 1206, 215R, 0.1%, 0.25W	MCWF12R2150BTL
Resistor, 1206, 2K15, 0.1%, 0.25W	MCWF12R2151BTL
Resistor, 1206, 21K5, 0.1%, 0.25W	MCWF12R2152BTL
Resistor, 1206, 215K, 0.1%, 0.25W	MCWF12R2153BTL
Resistor, 1206, 221R, 0.1%, 0.25W	MCWF12R2210BTL
Resistor, 1206, 2K21, 0.1%, 0.25W	MCWF12R2211BTL
Resistor, 1206, 22K1, 0.1%, 0.25W	MCWF12R2212BTL
Resistor, 1206, 221K, 0.1%, 0.25W	MCWF12R2213BTL
Resistor, 1206, 226R, 0.1%, 0.25W	MCWF12R2260BTL
Resistor, 1206, 2K26, 0.1%, 0.25W	MCWF12R2261BTL
Resistor, 1206, 22K6, 0.1%, 0.25W	MCWF12R2262BTL
Resistor, 1206, 226K, 0.1%, 0.25W	MCWF12R2263BTL
Resistor, 1206, 232R, 0.1%, 0.25W	MCWF12R2320BTL
Resistor, 1206, 2K32, 0.1%, 0.25W	MCWF12R2321BTL
Resistor, 1206, 23K2, 0.1%, 0.25W	MCWF12R2322BTL
Resistor, 1206, 232K, 0.1%, 0.25W	MCWF12R2323BTL
Resistor, 1206, 237R, 0.1%, 0.25W	MCWF12R2370BTL
Resistor, 1206, 2K37, 0.1%, 0.25W	MCWF12R2371BTL
Resistor, 1206, 23K7, 0.1%, 0.25W	MCWF12R2372BTL
Resistor, 1206, 237K, 0.1%, 0.25W	MCWF12R2373BTL
Resistor, 1206, 243R, 0.1%, 0.25W	MCWF12R2430BTL
Resistor, 1206, 2K43, 0.1%, 0.25W	MCWF12R2431BTL
Resistor, 1206, 24K3, 0.1%, 0.25W	MCWF12R2432BTL
Resistor, 1206, 243K, 0.1%, 0.25W	MCWF12R2433BTL
Resistor, 1206, 249R, 0.1%, 0.25W	MCWF12R2490BTL
Resistor, 1206, 2K49, 0.1%, 0.25W	MCWF12R2491BTL
Resistor, 1206, 24K9, 0.1%, 0.25W	MCWF12R2492BTL
Resistor, 1206, 249K, 0.1%, 0.25W	MCWF12R2493BTL
Resistor, 1206, 255R, 0.1%, 0.25W	MCWF12R2550BTL
Resistor, 1206, 2K55, 0.1%, 0.25W	MCWF12R2551BTL

Description	Part Number
Resistor, 1206, 25K5, 0.1%, 0.25W	MCWF12R2552BTL
Resistor, 1206, 255K, 0.1%, 0.25W	MCWF12R2553BTL
Resistor, 1206, 261R, 0.1%, 0.25W	MCWF12R2610BTL
Resistor, 1206, 2K61, 0.1%, 0.25W	MCWF12R2611BTL
Resistor, 1206, 26K1, 0.1%, 0.25W	MCWF12R2612BTL
Resistor, 1206, 261K, 0.1%, 0.25W	MCWF12R2613BTL
Resistor, 1206, 267R, 0.1%, 0.25W	MCWF12R2670BTL
Resistor, 1206, 2K67, 0.1%, 0.25W	MCWF12R2671BTL
Resistor, 1206, 26K7, 0.1%, 0.25W	MCWF12R2672BTL
Resistor, 1206, 267K, 0.1%, 0.25W	MCWF12R2673BTL
Resistor, 1206, 274R, 0.1%, 0.25W	MCWF12R2740BTL
Resistor, 1206, 2K74, 0.1%, 0.25W	MCWF12R2741BTL
Resistor, 1206, 27K4, 0.1%, 0.25W	MCWF12R2742BTL
Resistor, 1206, 274K, 0.1%, 0.25W	MCWF12R2743BTL
Resistor, 1206, 280R, 0.1%, 0.25W	MCWF12R2800BTL
Resistor, 1206, 2K8, 0.1%, 0.25W	MCWF12R2801BTL
Resistor, 1206, 28K0, 0.1%, 0.25W	MCWF12R2802BTL
Resistor, 1206, 280K, 0.1%, 0.25W	MCWF12R2803BTL
Resistor, 1206, 287R, 0.1%, 0.25W	MCWF12R2870BTL
Resistor, 1206, 2K87, 0.1%, 0.25W	MCWF12R2871BTL
Resistor, 1206, 28K7, 0.1%, 0.25W	MCWF12R2872BTL
Resistor, 1206, 287K, 0.1%, 0.25W	MCWF12R2873BTL
Resistor, 1206, 294R, 0.1%, 0.25W	MCWF12R2940BTL
Resistor, 1206, 2K94, 0.1%, 0.25W	MCWF12R2941BTL
Resistor, 1206, 29K4, 0.1%, 0.25W	MCWF12R2942BTL
Resistor, 1206, 294K, 0.1%, 0.25W	MCWF12R2943BTL
Resistor, 1206, 301R, 0.1%, 0.25W	MCWF12R3010BTL
Resistor, 1206, 3K01, 0.1%, 0.25W	MCWF12R3011BTL
Resistor, 1206, 30K1, 0.1%, 0.25W	MCWF12R3012BTL
Resistor, 1206, 301K, 0.1%, 0.25W	MCWF12R3013BTL
Resistor, 1206, 309R, 0.1%, 0.25W	MCWF12R3090BTL
Resistor, 1206, 3K09, 0.1%, 0.25W	MCWF12R3091BTL
Resistor, 1206, 30K9, 0.1%, 0.25W	MCWF12R3092BTL
Resistor, 1206, 309K, 0.1%, 0.25W	MCWF12R3093BTL
Resistor, 1206, 316R, 0.1%, 0.25W	MCWF12R3160BTL
Resistor, 1206, 3K16, 0.1%, 0.25W	MCWF12R3161BTL
Resistor, 1206, 31K6, 0.1%, 0.25W	MCWF12R3162BTL
Resistor, 1206, 316K, 0.1%, 0.25W	MCWF12R3163BTL
Resistor, 1206, 324R, 0.1%, 0.25W	MCWF12R3240BTL

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# High Precision Power Thin Film Chip Resistors



Description	Part Number
Resistor, 1206, 3K24, 0.1%, 0.25W	MCWF12R3241BTL
Resistor, 1206, 32K4, 0.1%, 0.25W	MCWF12R3242BTL
Resistor, 1206, 324K, 0.1%, 0.25W	MCWF12R3243BTL
Resistor, 1206, 332R, 0.1%, 0.25W	MCWF12R3320BTL
Resistor, 1206, 3K32, 0.1%, 0.25W	MCWF12R3321BTL
Resistor, 1206, 33K2, 0.1%, 0.25W	MCWF12R3322BTL
Resistor, 1206, 332K, 0.1%, 0.25W	MCWF12R3323BTL
Resistor, 1206, 340R, 0.1%, 0.25W	MCWF12R3400BTL
Resistor, 1206, 3K4, 0.1%, 0.25W	MCWF12R3401BTL
Resistor, 1206, 34K0, 0.1%, 0.25W	MCWF12R3402BTL
Resistor, 1206, 340K, 0.1%, 0.25W	MCWF12R3403BTL
Resistor, 1206, 348R, 0.1%, 0.25W	MCWF12R3480BTL
Resistor, 1206, 3K48, 0.1%, 0.25W	MCWF12R3481BTL
Resistor, 1206, 34K8, 0.1%, 0.25W	MCWF12R3482BTL
Resistor, 1206, 348K, 0.1%, 0.25W	MCWF12R3483BTL
Resistor, 1206, 357R, 0.1%, 0.25W	MCWF12R3570BTL
Resistor, 1206, 3K57, 0.1%, 0.25W	MCWF12R3571BTL
Resistor, 1206, 35K7, 0.1%, 0.25W	MCWF12R3572BTL
Resistor, 1206, 357K, 0.1%, 0.25W	MCWF12R3573BTL
Resistor, 1206, 365R, 0.1%, 0.25W	MCWF12R3650BTL
Resistor, 1206, 3K65, 0.1%, 0.25W	MCWF12R3651BTL
Resistor, 1206, 36K5, 0.1%, 0.25W	MCWF12R3652BTL
Resistor, 1206, 365K, 0.1%, 0.25W	MCWF12R3653BTL
Resistor, 1206, 374R, 0.1%, 0.25W	MCWF12R3740BTL
Resistor, 1206, 3K74, 0.1%, 0.25W	MCWF12R3741BTL
Resistor, 1206, 37K4, 0.1%, 0.25W	MCWF12R3742BTL
Resistor, 1206, 374K, 0.1%, 0.25W	MCWF12R3743BTL
Resistor, 1206, 383R, 0.1%, 0.25W	MCWF12R3830BTL
Resistor, 1206, 3K83, 0.1%, 0.25W	MCWF12R3831BTL
Resistor, 1206, 38K3, 0.1%, 0.25W	MCWF12R3832BTL
Resistor, 1206, 383K, 0.1%, 0.25W	MCWF12R3833BTL
Resistor, 1206, 392R, 0.1%, 0.25W	MCWF12R3920BTL
Resistor, 1206, 3K92, 0.1%, 0.25W	MCWF12R3921BTL
Resistor, 1206, 39K2, 0.1%, 0.25W	MCWF12R3922BTL
Resistor, 1206, 392K, 0.1%, 0.25W	MCWF12R3923BTL
Resistor, 1206, 402R, 0.1%, 0.25W	MCWF12R4020BTL
Resistor, 1206, 4K02, 0.1%, 0.25W	MCWF12R4021BTL
Resistor, 1206, 40K2, 0.1%, 0.25W	MCWF12R4022BTL
Resistor, 1206, 402K, 0.1%, 0.25W	MCWF12R4023BTL

Description	Part Number
Resistor, 1206, 412R, 0.1%, 0.25W	MCWF12R4120BTL
Resistor, 1206, 4K12, 0.1%, 0.25W	MCWF12R4121BTL
Resistor, 1206, 41K2, 0.1%, 0.25W	MCWF12R4122BTL
Resistor, 1206, 412K, 0.1%, 0.25W	MCWF12R4123BTL
Resistor, 1206, 422R, 0.1%, 0.25W	MCWF12R4220BTL
Resistor, 1206, 4K22, 0.1%, 0.25W	MCWF12R4221BTL
Resistor, 1206, 42K2, 0.1%, 0.25W	MCWF12R4222BTL
Resistor, 1206, 422K, 0.1%, 0.25W	MCWF12R4223BTL
Resistor, 1206, 432K, 0.1%, 0.25W	MCWF12R4320BTL
Resistor, 1206, 4K32, 0.1%, 0.25W	MCWF12R4321BTL
Resistor, 1206, 43K2, 0.1%, 0.25W	MCWF12R4322BTL
Resistor, 1206, 432K, 0.1%, 0.25W	MCWF12R4323BTL
Resistor, 1206, 442R, 0.1%, 0.25W	MCWF12R4420BTL
Resistor, 1206, 4K42, 0.1%, 0.25W	MCWF12R4421BTL
Resistor, 1206, 44K2, 0.1%, 0.25W	MCWF12R4422BTL
Resistor, 1206, 442K, 0.1%, 0.25W	MCWF12R4423BTL
Resistor, 1206, 453R, 0.1%, 0.25W	MCWF12R4530BTL
Resistor, 1206, 4K53, 0.1%, 0.25W	MCWF12R4531BTL
Resistor, 1206, 45K3, 0.1%, 0.25W	MCWF12R4532BTL
Resistor, 1206, 453K, 0.1%, 0.25W	MCWF12R4533BTL
Resistor, 1206, 464R, 0.1%, 0.25W	MCWF12R4640BTL
Resistor, 1206, 4K64, 0.1%, 0.25W	MCWF12R4641BTL
Resistor, 1206, 46K4, 0.1%, 0.25W	MCWF12R4642BTL
Resistor, 1206, 464K, 0.1%, 0.25W	MCWF12R4643BTL
Resistor, 1206, 475R, 0.1%, 0.25W	MCWF12R4750BTL
Resistor, 1206, 4K75, 0.1%, 0.25W	MCWF12R4751BTL
Resistor, 1206, 47K5, 0.1%, 0.25W	MCWF12R4752BTL
Resistor, 1206, 475K, 0.1%, 0.25W	MCWF12R4753BTL
Resistor, 1206, 47R5, 0.1%, 0.25W	MCWF12R47R5BTL
Resistor, 1206, 487R, 0.1%, 0.25W	MCWF12R4870BTL
Resistor, 1206, 4K87, 0.1%, 0.25W	MCWF12R4871BTL
Resistor, 1206, 48K7, 0.1%, 0.25W	MCWF12R4872BTL
Resistor, 1206, 487K, 0.1%, 0.25W	MCWF12R4873BTL
Resistor, 1206, 48R7, 0.1%, 0.25W	MCWF12R48R7BTL
Resistor, 1206, 499R, 0.1%, 0.25W	MCWF12R4990BTL
Resistor, 1206, 4K99, 0.1%, 0.25W	MCWF12R4991BTL
Resistor, 1206, 49K9, 0.1%, 0.25W	MCWF12R4992BTL
Resistor, 1206, 499K, 0.1%, 0.25W	MCWF12R4993BTL
Resistor, 1206, 49R9, 0.1%, 0.25W	MCWF12R49R9BTL

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# High Precision Power Thin Film Chip Resistors

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Description	Part Number
Resistor, 1206, 511R, 0.1%, 0.25W	MCWF12R5110BTL
Resistor, 1206, 5K11, 0.1%, 0.25W	MCWF12R5111BTL
Resistor, 1206, 51K1, 0.1%, 0.25W	MCWF12R5112BTL
Resistor, 1206, 511K, 0.1%, 0.25W	MCWF12R5113BTL
Resistor, 1206, 51R1, 0.1%, 0.25W	MCWF12R51R1BTL
Resistor, 1206, 523R, 0.1%, 0.25W	MCWF12R5230BTL
Resistor, 1206, 5K23, 0.1%, 0.25W	MCWF12R5231BTL
Resistor, 1206, 52K3, 0.1%, 0.25W	MCWF12R5232BTL
Resistor, 1206, 523K, 0.1%, 0.25W	MCWF12R5233BTL
Resistor, 1206, 52R3, 0.1%, 0.25W	MCWF12R52R3BTL
Resistor, 1206, 536R, 0.1%, 0.25W	MCWF12R5360BTL
Resistor, 1206, 5K36, 0.1%, 0.25W	MCWF12R5361BTL
Resistor, 1206, 53K6, 0.1%, 0.25W	MCWF12R5362BTL
Resistor, 1206, 536K, 0.1%, 0.25W	MCWF12R5363BTL
Resistor, 1206, 53R6, 0.1%, 0.25W	MCWF12R53R6BTL
Resistor, 1206, 549R, 0.1%, 0.25W	MCWF12R5490BTL
Resistor, 1206, 5K49, 0.1%, 0.25W	MCWF12R5491BTL
Resistor, 1206, 54K9, 0.1%, 0.25W	MCWF12R5492BTL
Resistor, 1206, 549K, 0.1%, 0.25W	MCWF12R5493BTL
Resistor, 1206, 54R9, 0.1%, 0.25W	MCWF12R54R9BTL
Resistor, 1206, 562R, 0.1%, 0.25W	MCWF12R5620BTL
Resistor, 1206, 5K62, 0.1%, 0.25W	MCWF12R5621BTL
Resistor, 1206, 56K2, 0.1%, 0.25W	MCWF12R5622BTL
Resistor, 1206, 562K, 0.1%, 0.25W	MCWF12R5623BTL
Resistor, 1206, 56R2, 0.1%, 0.25W	MCWF12R56R2BTL
Resistor, 1206, 576R, 0.1%, 0.25W	MCWF12R5760BTL
Resistor, 1206, 5K76, 0.1%, 0.25W	MCWF12R5761BTL
Resistor, 1206, 57K6, 0.1%, 0.25W	MCWF12R5762BTL
Resistor, 1206, 576K, 0.1%, 0.25W	MCWF12R5763BTL
Resistor, 1206, 57R6, 0.1%, 0.25W	MCWF12R57R6BTL
Resistor, 1206, 590R, 0.1%, 0.25W	MCWF12R5900BTL
Resistor, 1206, 5K9, 0.1%, 0.25W	MCWF12R5901BTL
Resistor, 1206, 59K0, 0.1%, 0.25W	MCWF12R5902BTL
Resistor, 1206, 590K, 0.1%, 0.25W	MCWF12R5903BTL
Resistor, 1206, 59R0, 0.1%, 0.25W	MCWF12R59R0BTL
Resistor, 1206, 604R, 0.1%, 0.25W	MCWF12R6040BTL
Resistor, 1206, 6K04, 0.1%, 0.25W	MCWF12R6041BTL
Resistor, 1206, 60K4, 0.1%, 0.25W	MCWF12R6042BTL
Resistor, 1206, 604K, 0.1%, 0.25W	MCWF12R6043BTL

Description	Part Number
Resistor, 1206, 60R4, 0.1%, 0.25W	MCWF12R60R4BTL
Resistor, 1206, 619R, 0.1%, 0.25W	MCWF12R6190BTL
Resistor, 1206, 6K19, 0.1%, 0.25W	MCWF12R6191BTL
Resistor, 1206, 61K9, 0.1%, 0.25W	MCWF12R6192BTL
Resistor, 1206, 619K, 0.1%, 0.25W	MCWF12R6193BTL
Resistor, 1206, 61R9, 0.1%, 0.25W	MCWF12R61R9BTL
Resistor, 1206, 634R, 0.1%, 0.25W	MCWF12R6340BTL
Resistor, 1206, 6K34, 0.1%, 0.25W	MCWF12R6341BTL
Resistor, 1206, 63K4, 0.1%, 0.25W	MCWF12R6342BTL
Resistor, 1206, 634K, 0.1%, 0.25W	MCWF12R6343BTL
Resistor, 1206, 63R4, 0.1%, 0.25W	MCWF12R63R4BTL
Resistor, 1206, 649R, 0.1%, 0.25W	MCWF12R6490BTL
Resistor, 1206, 6K49, 0.1%, 0.25W	MCWF12R6491BTL
Resistor, 1206, 64K9, 0.1%, 0.25W	MCWF12R6492BTL
Resistor, 1206, 649K, 0.1%, 0.25W	MCWF12R6493BTL
Resistor, 1206, 64R9, 0.1%, 0.25W	MCWF12R64R9BTL
Resistor, 1206, 665R, 0.1%, 0.25W	MCWF12R6650BTL
Resistor, 1206, 6K65, 0.1%, 0.25W	MCWF12R6651BTL
Resistor, 1206, 66K5, 0.1%, 0.25W	MCWF12R6652BTL
Resistor, 1206, 665K, 0.1%, 0.25W	MCWF12R6653BTL
Resistor, 1206, 66R5, 0.1%, 0.25W	MCWF12R66R5BTL
Resistor, 1206, 681R, 0.1%, 0.25W	MCWF12R6810BTL
Resistor, 1206, 6K81, 0.1%, 0.25W	MCWF12R6811BTL
Resistor, 1206, 68K1, 0.1%, 0.25W	MCWF12R6812BTL
Resistor, 1206, 681K, 0.1%, 0.25W	MCWF12R6813BTL
Resistor, 1206, 68R1, 0.1%, 0.25W	MCWF12R68R1BTL
Resistor, 1206, 698R, 0.1%, 0.25W	MCWF12R6980BTL
Resistor, 1206, 6K98, 0.1%, 0.25W	MCWF12R6981BTL
Resistor, 1206, 69K8, 0.1%, 0.25W	MCWF12R6982BTL
Resistor, 1206, 698K, 0.1%, 0.25W	MCWF12R6983BTL
Resistor, 1206, 69R8, 0.1%, 0.25W	MCWF12R69R8BTL
Resistor, 1206, 715R, 0.1%, 0.25W	MCWF12R7150BTL
Resistor, 1206, 7K15, 0.1%, 0.25W	MCWF12R7151BTL
Resistor, 1206, 71K5, 0.1%, 0.25W	MCWF12R7152BTL
Resistor, 1206, 715K, 0.1%, 0.25W	MCWF12R7153BTL
Resistor, 1206, 71R5, 0.1%, 0.25W	MCWF12R71R5BTL
Resistor, 1206, 732R, 0.1%, 0.25W	MCWF12R7320BTL
Resistor, 1206, 7K32, 0.1%, 0.25W	MCWF12R7321BTL
Resistor, 1206, 73K2, 0.1%, 0.25W	MCWF12R7322BTL

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# High Precision Power Thin Film Chip Resistors



Description	Part Number
Resistor, 1206, 732K, 0.1%, 0.25W	MCWF12R7323BTL
Resistor, 1206, 73R2, 0.1%, 0.25W	MCWF12R73R2BTL
Resistor, 1206, 768R, 0.1%, 0.25W	MCWF12R7680BTL
Resistor, 1206, 7K68, 0.1%, 0.25W	MCWF12R7681BTL
Resistor, 1206, 76K8, 0.1%, 0.25W	MCWF12R7682BTL
Resistor, 1206, 768K, 0.1%, 0.25W	MCWF12R7683BTL
Resistor, 1206, 76R8, 0.1%, 0.25W	MCWF12R76R8BTL
Resistor, 1206, 787R, 0.1%, 0.25W	MCWF12R7870BTL
Resistor, 1206, 7K87, 0.1%, 0.25W	MCWF12R7871BTL
Resistor, 1206, 78K7, 0.1%, 0.25W	MCWF12R7872BTL
Resistor, 1206, 787K, 0.1%, 0.25W	MCWF12R7873BTL
Resistor, 1206, 78R7, 0.1%, 0.25W	MCWF12R78R7BTL
Resistor, 1206, 806R, 0.1%, 0.25W	MCWF12R8060BTL
Resistor, 1206, 8K06, 0.1%, 0.25W	MCWF12R8061BTL
Resistor, 1206, 80K6, 0.1%, 0.25W	MCWF12R8062BTL
Resistor, 1206, 806K, 0.1%, 0.25W	MCWF12R8063BTL
Resistor, 1206, 80R6, 0.1%, 0.25W	MCWF12R80R6BTL
Resistor, 1206, 825R, 0.1%, 0.25W	MCWF12R8250BTL
Resistor, 1206, 8K25, 0.1%, 0.25W	MCWF12R8251BTL
Resistor, 1206, 82K5, 0.1%, 0.25W	MCWF12R8252BTL
Resistor, 1206, 825K, 0.1%, 0.25W	MCWF12R8253BTL
Resistor, 1206, 82R5, 0.1%, 0.25W	MCWF12R82R5BTL
Resistor, 1206, 845R, 0.1%, 0.25W	MCWF12R8450BTL
Resistor, 1206, 8K45, 0.1%, 0.25W	MCWF12R8451BTL
Resistor, 1206, 84K5, 0.1%, 0.25W	MCWF12R8452BTL
Resistor, 1206, 845K, 0.1%, 0.25W	MCWF12R8453BTL
Resistor, 1206, 84R5, 0.1%, 0.25W	MCWF12R84R5BTL
Resistor, 1206, 866R, 0.1%, 0.25W	MCWF12R8660BTL
Resistor, 1206, 8K66, 0.1%, 0.25W	MCWF12R8661BTL

Description	Part Number
Resistor, 1206, 86K6, 0.1%, 0.25W	MCWF12R8662BTL
Resistor, 1206, 866K, 0.1%, 0.25W	MCWF12R8663BTL
Resistor, 1206, 86R6, 0.1%, 0.25W	MCWF12R86R6BTL
Resistor, 1206, 887R, 0.1%, 0.25W	MCWF12R8870BTL
Resistor, 1206, 8K87, 0.1%, 0.25W	MCWF12R8871BTL
Resistor, 1206, 88K7, 0.1%, 0.25W	MCWF12R8872BTL
Resistor, 1206, 887K, 0.1%, 0.25W	MCWF12R8873BTL
Resistor, 1206, 88R7, 0.1%, 0.25W	MCWF12R88R7BTL
Resistor, 1206, 909R, 0.1%, 0.25W	MCWF12R9090BTL
Resistor, 1206, 9K09, 0.1%, 0.25W	MCWF12R9091BTL
Resistor, 1206, 90K9, 0.1%, 0.25W	MCWF12R9092BTL
Resistor, 1206, 909K, 0.1%, 0.25W	MCWF12R9093BTL
Resistor, 1206, 90R9, 0.1%, 0.25W	MCWF12R90R9BTL
Resistor, 1206, 931R, 0.1%, 0.25W	MCWF12R9310BTL
Resistor, 1206, 9K31, 0.1%, 0.25W	MCWF12R9311BTL
Resistor, 1206, 93K1, 0.1%, 0.25W	MCWF12R9312BTL
Resistor, 1206, 931K, 0.1%, 0.25W	MCWF12R9313BTL
Resistor, 1206, 93R1, 0.1%, 0.25W	MCWF12R93R1BTL
Resistor, 1206, 953R, 0.1%, 0.25W	MCWF12R9530BTL
Resistor, 1206, 9K53, 0.1%, 0.25W	MCWF12R9531BTL
Resistor, 1206, 95K3, 0.1%, 0.25W	MCWF12R9532BTL
Resistor, 1206, 953K, 0.1%, 0.25W	MCWF12R9533BTL
Resistor, 1206, 95R3, 0.1%, 0.25W	MCWF12R95R3BTL
Resistor, 1206, 976R, 0.1%, 0.25W	MCWF12R9760BTL
Resistor, 1206, 9K76, 0.1%, 0.25W	MCWF12R9761BTL
Resistor, 1206, 97K6, 0.1%, 0.25W	MCWF12R9762BTL
Resistor, 1206, 976K, 0.1%, 0.25W	MCWF12R9763BTL
Resistor, 1206, 97R6, 0.1%, 0.25W	MCWF12R97R6BTL

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