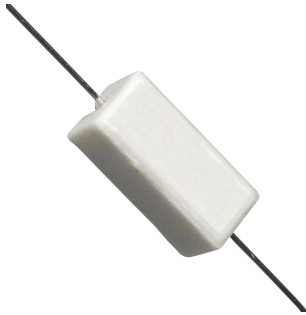


Wire-wound Cement Fixed Resistors 10 Watt

multicomp PRO

**RoHS
Compliant**



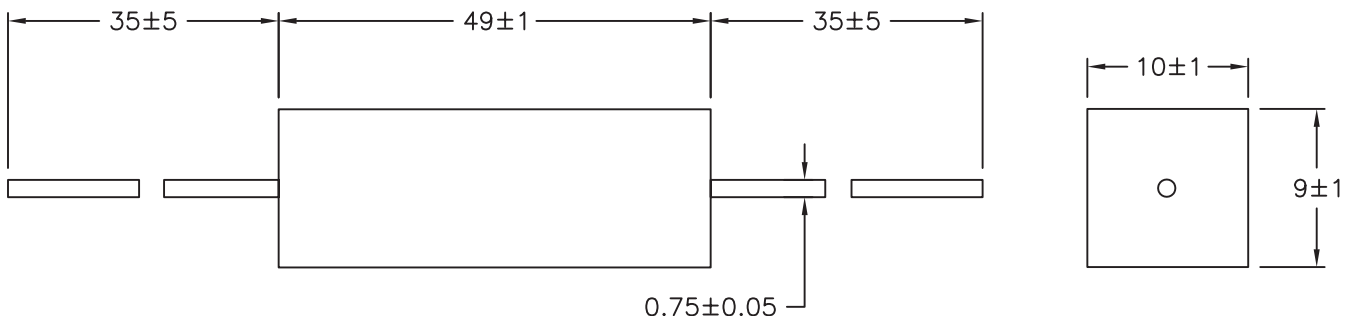
Features:

- Self extinguishing
- Excellent flame and moisture resistance
- Extremely small sturdy and mechanical safe

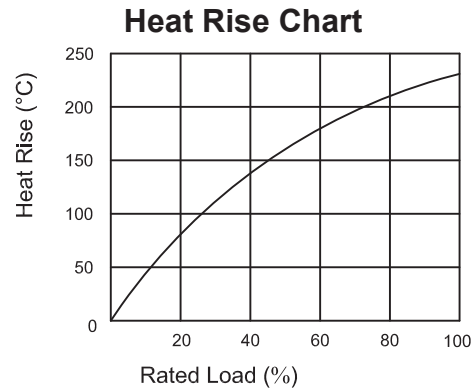
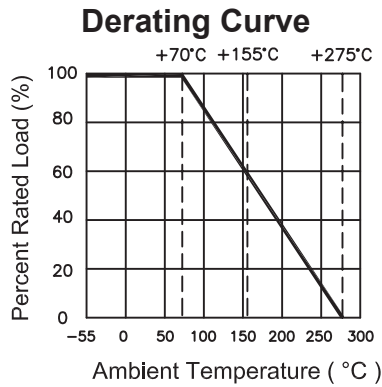
Performance Specification

Product Type	: Wire-wound resistor
Power Rating	: 10 Watts
Resistance Tolerance	: $\pm 5\%$
Temperature Coefficient	: $<20\Omega$: $\pm 400\text{PPM}/^\circ\text{C}$; ≥ 20 : $\pm 350\text{PPM}/^\circ\text{C}$
Short-time Overload	: $\Delta R/R \leq \pm(5\% + 0.05\Omega)$, with no evidence of mechanical damage
Dielectric withstanding Voltage	: No evidence of flashover, mechanical damage, arcing or insulation breakdown
Terminal Strength	: No evidence of mechanical damage.
Solderability	: Min. 95% coverage
Temperature Cycling	: $\Delta R/R \leq \pm(2\% + 0.05\Omega)$, with no evidence of mechanical damage
Humidity (Steady State)	: $\Delta R/R \leq \pm(5\% + 0.05\Omega)$, with no evidence of mechanical damage
Load life in Humidity	: For Wire-wound range, the $\Delta R/R$ is $\pm 5\%$ For Power film range, $<100\text{k}\Omega$, the $\Delta R/R$ is $\pm 5\%$ For Power film range, $\geq 100\text{k}\Omega$, the $\Delta R/R$ is $\pm 10\%$
Load life	: For Wire-wound range, the $\Delta R/R$ is $\pm 5\%$ For Power film range, $<100\text{k}\Omega$, the $\Delta R/R$ is $\pm 5\%$ For Power film range, $\geq 100\text{k}\Omega$, the $\Delta R/R$ is $\pm 10\%$
Resistance to solderability heat	: $\Delta R/R \pm(1\% + 0.05\Omega)$ with no evidence of mechanical damage

Diagram



Wire-wound Cement Fixed Resistors 10 Watt



Part Number Table

Description	Resistance (Ohms)	Part Number	Description	Resistance (Ohms)	Part Number
Wire-wound Cement Fixed Resistors, 10 Watt, ±5%	10	MCPRW0AWJW100B00	Wire-wound Cement Fixed Resistors, 10 Watt, ±5%	390	MCPRW0AWJW391B00
	100	MCPRW0AWJW101B00		43	MCPRW0AWJW430B00
	1	MCPRW0AWJW10JB00		430	MCPRW0AWJW431B00
	15	MCPRW0AWJW150B00		47	MCPRW0AWJW470B00
	150	MCPRW0AWJW151B00		470	MCPRW0AWJW471B00
	20	MCPRW0AWJW200B00		4.7	MCPRW0AWJW47JB00
	200	MCPRW0AWJW201B00		56	MCPRW0AWJW560B00
	2	MCPRW0AWJW20JB00		560	MCPRW0AWJW561B00
	27	MCPRW0AWJW270B00		5.6	MCPRW0AWJW56JB00
	270	MCPRW0AWJW271B00		68	MCPRW0AWJW680B00
	2.7	MCPRW0AWJW27JB00		680	MCPRW0AWJW681B00
	30	MCPRW0AWJW300B00		6.8	MCPRW0AWJW68JB00
	300	MCPRW0AWJW301B00		75	MCPRW0AWJW750B00
	3	MCPRW0AWJW30JB00		750	MCPRW0AWJW751B00
	330	MCPRW0AWJW331B00		7.5	MCPRW0AWJW75JB00
39	MCPRW0AWJW390B00	82	MCPRW0AWJW820B00		
		820	MCPRW0AWJW821B00		

Important Notice : This data sheet and its contents (the "Information") belong to the members of the AVNET group of companies (the "Group") or are licensed to it. No licence is granted for the use of it other than for information purposes in connection with the products to which it relates. No licence of any intellectual property rights is granted. The Information is subject to change without notice and replaces all data sheets previously supplied. The Information supplied is believed to be accurate but the Group assumes no responsibility for its accuracy or completeness, any error in or omission from it or for any use made of it. Users of this data sheet should check for themselves the Information and the suitability of the products for their purpose and not make any assumptions based on information included or omitted. Liability for loss or damage resulting from any reliance on the Information or use of it (including liability resulting from negligence or where the Group was aware of the possibility of such loss or damage arising) is excluded. This will not operate to limit or restrict the Group's liability for death or personal injury resulting from its negligence. Multicomp Pro is the registered trademark of Premier Farnell Limited 2019.

