Circular Connectors and Sets
IP68

multicomp PRO

RoHS Compliant

Material and Specifications

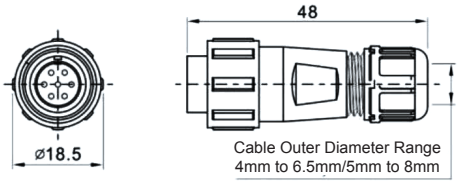
Coupling	Threaded
Shell Material	PC: Panel Connector Shell, Insert Housing Shell Nylon66: Locking Nut, Back Shell, Compressing Nut, Retaining Nut Fire Resistance: V-0
Insert Material	PPS, Max. Temperature 260°C
Contact Material	Brass with gold plating
Termination	Solder
IP Rating	IP68
Mating Cycle	500
Temperature Range	-40°C to +85°C
Insulation Resistance (MΩ)	2000

Solder Contact Specifications

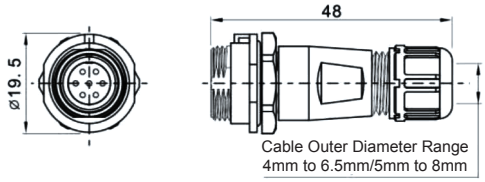
Number of Contact	2	3	4	5	7
Male Contact Face View					
Rated Current (A)	13	13	5	5	5
Contact Diameter (mm)	1.6	1.6	1	1	1
Rated Voltage (AC. V)	250	250	200	180	125
Test Voltage (AC. V) 1 min.	1500	1500	1500	1000	1000
Contact Resistance (mΩ)	2.5	2.5	5	5	5
Wire Size (mm^2/AWG)	≦2/14	≦2/14	≦0.75/18	≦0.75/18	≦0.75/18

Diagram

Cable Mount Connector



In-line Cable Mount Connector



Dimensions : Millimetres

Newark.com/multicomp-pro
Farnell.com/multicomp-pro
Element14.com/multicomp-pro

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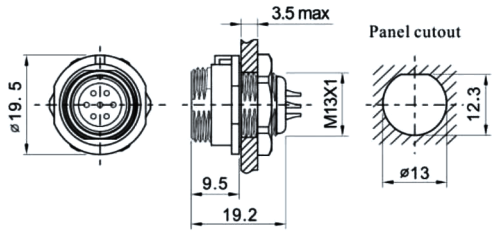
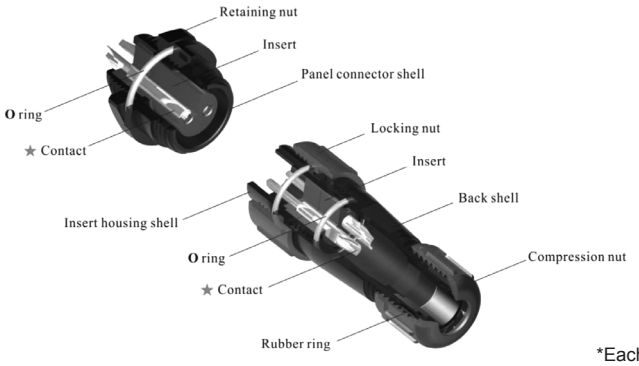
Rear Panel Mount Connector



Dimensions : Millimetres



*Each Side can be male or female contact

Specification Table

Cable Mount Connector				In-line Cable Mount Connector			Rear Panel Mount Connector	
Cable Mount Plug				Cable Mount Receptacle			Panel Mount Receptacle	
Part Number	Contact Gender	Cable Outer Dia. (mm)	No. of Contacts	Part Number	Contact Gender	Cable Outer Dia. (mm)	Part Number	Contact Gender
MP002509	Pin	4 to 6.5	2	MP002524	Socket	4 to 6.5	MP002539	Socket
MP002510	Pin		3	MP002525	Socket		MP002540	Socket
MP002511	Pin		4	MP002526	Socket		MP002541	Socket
MP002512	Pin		5	MP002527	Socket		MP002542	Socket
MP002513	Pin	5 to 8	7	MP002528	Socket	5 to 8	MP002543	Socket
MP002514	Socket	4 to 6.5	2	MP002519	Pin	4 to 6.5	MP002534	Pin
MP002515	Socket		3	MP002520	Pin		MP002535	Pin
MP002516	Socket		4	MP002521	Pin		MP002536	Pin
MP002517	Socket		5	MP002522	Pin		MP002537	Pin
MP002518	Socket	5 to 8	7	MP002523	Pin	5 to 8	MP002538	Pin

Note: These connectors does not accommodate caps. Ordered separately.

Dust Cap

Description	Part Number
Dust Cap for Receptacle Connectors	MP002545
Dust Cap for Plug Connectors	MP002544
Dust Cap for 7 Pins 5mm to 8mm Cable Dia.	MP003165

Connector Sets (Plug and Receptacle)

Description	Part Number
Cable Mount Plug (MP002509) and Receptacle (MP002524) Connector Set, 2P	MP002529
Cable Mount Plug (MP002510) and Receptacle (MP002525) Connector Set, 3P	MP002530
Cable Mount Plug (MP002511) and Receptacle (MP002526) Connector Set, 4P	MP002531
Cable Mount Plug (MP002512) and Receptacle (MP002527) Connector Set, 5P	MP002532
Cable Mount Plug (MP002513) and Receptacle (MP002528) Connector Set, 7P	MP002533

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