Circular Connectors and Sets
IP67

multicomp PRO

RoHS Compliant

Material and Specifications

Coupling	Bayonet
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 and Screw
IP Rating	IP67
Mating Cycle	500
Temperature Range	-40°C to +80°C
Insulation Resistance (MΩ)	2000

Contact Specifications

Number of Contact	2	3	4	5	7	9	12
Male Contact Face View							
Rated Current (A) for solder	30	30	30	30	15	5	5
Rated Current (A) for screw	10	10	10	10	N/A	N/A	N/A
Contact Diameter (mm)	3	3	3	3	2	2	1
Rated Voltage (AC. V)	500	500	500	500	500	500	400
Test Voltage (AC. V) 1 min.	1500	1500	1500	1500	1500	1500	1200
Contact Resistance (mΩ)	1	1	1	1	2.5	5	5
Termination	Solder Screw	Solder Screw	Solder Screw	Solder Screw	Solder	Solder	Solder
Wire Size for solder (mm²/AWG)	%4/11	%4/11	%4/11	%4/11	%2/14	%0.75/18	%0.75/18
Wire Size for screw termination (mm²/AWG)	%1.5/15	%1.5/15	%1.5/15	%1.5/15	-	-	-

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Diagram

Cable Mount Connector

Cable Outer Diameter Range
7mm to 12mm

64

28

In-line Cable Mount Connector

64

Ø 29

Cable Outer Diameter Range
7mm to 12mm

Rear Panel Mount Connector

Ø 29

4 max   Panel cutout

M21×1   20.2

11.8   Ø 21

21.7

Retaining nut

Insert

Panel connector shell

O ring

★ Contact

Locking nut

Insert

Insert housing shell

Back shell

O ring

Compression nut

★ Contact

Rubber ring
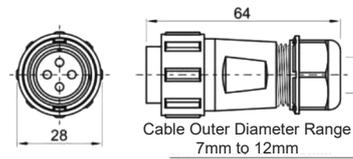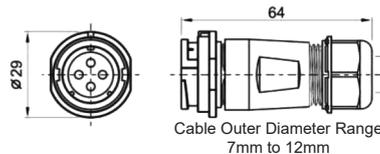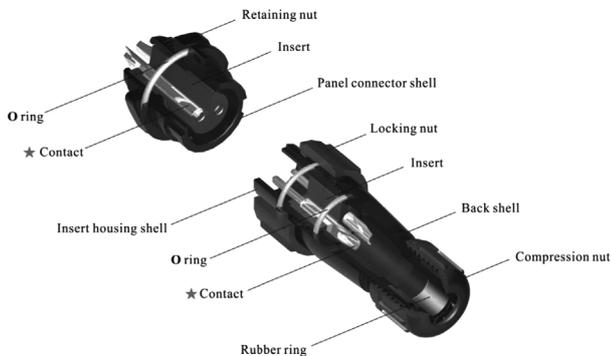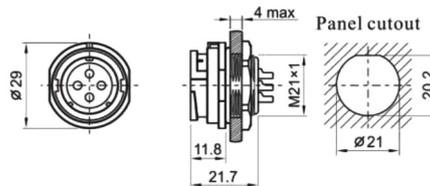
*Each Side can be male or female contact

Dimensions : Millimetres

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	Termination	Contact Gender	No. of Contacts	Part Number	Termination	Contact Gender	Part Number	Termination	Contact Gender
MP002657	Solder	Pin	2	MP002690	Solder	Socket	MP002719	Solder	Socket
MP002658	Screw	Pin	2	MP002691	Screw	Socket	MP002720	Screw	Socket
MP002659	Solder	Pin	3	MP002692	Solder	Socket	MP002721	Solder	Socket
MP002660	Screw	Pin	3	MP002693	Screw	Socket	MP002722	Screw	Socket

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| Cable Mount Connector				In-line Cable Mount Connector			Rear Panel Mount Connector		
Cable Mount Plug				Cable Mount Receptacle			Panel Mount Receptacle		
Part Number	Termina-tion	Contact Gender	No. of Contacts	Part Number	Termina-tion	Contact Gender	Part Number	Termina-tion	Contact Gender
MP002661	Solder	Pin	4	MP002694	Solder	Socket	MP002723	Solder	Socket
MP002662	Screw	Pin	4	MP002695	Screw	Socket	MP002724	Screw	Socket
MP002663	Solder	Pin	5	MP002696	Solder	Socket	MP002725	Solder	Socket
MP002664	Screw	Pin	5	MP002697	Screw	Socket	MP002726	Screw	Socket
MP002665	Solder	Pin	7	MP002698	Solder	Socket	MP002727	Solder	Socket
MP002666	Solder	Pin	9	MP002699	Solder	Socket	MP002728	Solder	Socket
MP002667	Solder	Pin	12	MP002700	Solder	Socket	MP002729	Solder	Socket
MP002668	Solder	Socket	2	MP002679	Solder	Pin	MP002708	Solder	Pin
MP002669	Screw	Socket	2	MP002680	Screw	Pin	MP002709	Screw	Pin
MP002670	Solder	Socket	3	MP002681	Solder	Pin	MP002710	Solder	Pin
MP002671	Screw	Socket	3	MP002682	Screw	Pin	MP002711	Screw	Pin
MP002672	Solder	Socket	4	MP002683	Solder	Pin	MP002712	Solder	Pin
MP002673	Screw	Socket	4	MP002684	Screw	Pin	MP002713	Screw	Pin
MP002674	Solder	Socket	5	MP002685	Solder	Pin	MP002714	Solder	Pin
MP002675	Screw	Socket	5	MP002686	Screw	Pin	MP002715	Screw	Pin
MP002676	Solder	Socket	7	MP002687	Solder	Pin	MP002716	Solder	Pin
MP002677	Solder	Socket	9	MP002688	Solder	Pin	MP002717	Solder	Pin
MP002678	Solder	Socket	12	MP002689	Solder	Pin	MP002718	Solder	Pin

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

Dust Cap

Description	Part Number
Dust Cap for Receptacle Connectors	MP002730

Connector Sets (Plug and Receptacle)

Description	Part Number
Cable Mount Plug (MP002658) and Receptacle Connector (MP002691) Set, 2P, Screw Contact	MP002701
Cable Mount Plug (MP002660) and Receptacle Connector (MP002693) Set, 3P, Screw Contact	MP002702
Cable Mount Plug (MP002662) and Receptacle Connector (MP002695) Set, 4P, Screw Contact	MP002703
Cable Mount Plug (MP002664) and Receptacle Connector (MP002697) Set, 5P, Screw Contact	MP002704
Cable Mount Plug (MP002665) and Receptacle Connector (MP002698) Set, 7P, Solder Contact	MP002705
Cable Mount Plug (MP002666) and Receptacle Connector (MP002699) Set, 9P, Solder Contact	MP002706
Cable Mount Plug (MP002667) and Receptacle Connector (MP002700) Set, 12P, Solder Contact	MP002707

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