

Product Range Overview

Sub-Series Name	Mini Size	Standard Size	Middle Size	Large Size	Macro Size
Mating Style	Push Lock	Push Lock	Push Lock	Push Lock	Push Lock
Plastic Version	✓	✓	✓	✓	✓
Metal Version	✓	-	-	✓	-
No. of Contacts	2 ~ 17	2 ~ 8	2 ~ 12	2 ~ 18	4 ~ 31
Plating of Contacts	Gold Plated	Gold Plated	Gold Plated Silver Plated	Gold Plated Silver Plated	Gold Plated
Transmission Rate	Cat. 5e (8 Pin To RJ45) Cat. 6A (12 Pin To RJ45)*	-	-	-	-
Operating Voltage	300V AC/DC	300V AC/DC	300V AC/DC	300V AC/DC	300V AC/DC 600V AC/DC
Current Rating	2A ~ 16A	5A ~ 10A 10A + 5A	5A ~ 20A 10A + 5A	5A ~ 20A 20A + 5A	5A 50A + 5A
Operating Temperature	<ul style="list-style-type: none"> • Receptacle & Receptacle With Wires: -40°C ~ 105°C • Overmolded With Cable: <ol style="list-style-type: none"> (1) Date Group: -20°C ~ 80°C (2) Power Group: -20°C~105°C (3) Hybrid Group: -40°C~105°C • Field Installable: -40°C ~ 105°C 				
Fasten Style of Nut	Front	Front & Rear	Front & Rear	Front & Rear	Front
Receptacle	✓	✓	✓	✓	✓
Overmolded With Cable	✓	✓	✓	✓	✓
Field Installable	✓	✓	✓	✓	✓
Accessories	✓	✓	✓	✓	-
Applicable Wire Gauge	24 ~ 14AWG (0.25 ~ 2.5 mm ²)	26 ~ 16AWG (0.14 ~ 1.5 mm ²)	26 ~ 12AWG (0.14 ~ 4.00 mm ²)	26 ~ 12AWG (0.14 ~ 4.00 mm ²)	22 ~ 8AWG (0.34 ~ 10.00 mm ²)
Wire Gauge for UL Approval		5A: 20AWG 10A: 16AWG	5A: 20AWG 10A: 16AWG 20A: 12AWG	5A: 20AWG 20A: 12AWG	
Mating Cycles	1,000 Cycles				
IP Rating	Receptacle & Receptacle With Wires: IP68 (Unmated, 1M / 24h) Overmolded With Cable / Field Installable: IP68 (Mated, 1M / 24h)				
Salt Spray	500h (Mated Condition)				
UV Resistance	✓	✓	✓	✓	✓
Flammability Rating	UL 94V-0				
Vibration	Frequency Range 10~55Hz / Amplitude 1.52mm				
EMI Option	✓	-	-	✓	-
RoHS 2.0 Compliance	✓	✓	✓	✓	✓
REACH Compliance	✓	✓	✓	✓	✓
Certificates	CSA, UL1977, UL2238, UL50e				
Standard / Compliance	✓	✓	✓	✓	✓