

Product Range Overview

Sub-Series Name	Mini A Size	Standard B Size	Middle C Size	Large D Size
Mating Style	Screw Thread & 2 Points Lock	Screw Thread & 2 Points Lock	Screw Thread & 2 Points Lock	Screw Thread & 2 Points Lock
Plastic Version	✓	✓	✓	✓
Metal Version	✓	✓	-	✓
No. of Contacts	2 ~ 6	2 ~ 12	2 ~ 18	2 ~ 22
Plating of Contacts	Gold Plated	Gold Plated	Gold Plated Silver Plated	Gold Plated Silver Plated
Operating Voltage	250V AC/DC	250V AC/DC	250V AC/DC	250V AC/DC
Current Rating	2A ~ 5A	2A ~ 10A 5A + 2A 10A + 5A	2A ~ 20A 5A + 2A 10A + 2A 10A + 5A	2A ~ 20A 20A + 2A 20A + 5A
Operating Temperature		Receptacle: -40°C ~ 105°C Receptacle With Cable: -20°C ~ 80°C Overmolded With Cable: -20°C ~ 80°C Field Installable: -40°C ~ 105°C		
Fasten Style of Nut	Front & Rear	Front & Rear	Front & Rear	Front & Rear
Receptacle	✓	✓	✓	✓
Receptacle With Cable	✓	✓	✓	-
Overmolded With Cable	✓	✓	✓	✓
Field Installable	✓	✓	✓	✓
Accessories	✓	✓	✓	✓
Applicable Wire Gauge	26 ~ 24AWG (0.14 ~ 0.25mm ²)	26 ~ 20AWG (0.14 ~ 0.50mm ²)	24 ~ 14AWG (0.25 ~ 2.50mm ²)	26 ~ 16AWG (0.14 ~ 1.50mm ²)
Mating Cycles	2,000 Cycles	2,000 Cycles	2,000 Cycles	2,000 Cycles
IP Rating		Receptacle / Receptacle With Cable: IP67 (Unmated) Overmolded With Cable / Field Installable: IP67 (Mated)		
Salt Spray Resistance	48h	48h	48h	48h
UV Resistant	✓	✓	✓	✓
Flammability Rating	UL94V-0	UL94V-0	UL94V-0	UL94V-0
Vibration Resistant		Frequency Range 10~55Hz / Amplitude 1.52mm		
EMI Option	-	✓	-	-
ROHS 2.0 Compliance	✓	✓	✓	✓
REACH Compliance	✓	✓	✓	✓
Certifications	-	UL1977	UL1977	UL1977

Product Range Overview

Macro E Size	PLD	MAB	GBD
2 Points Lock	Push Lock	2 Points Lock	3 Points Lock
✓	✓	✓	✓
-	-	-	-
31	2 ~ 4	4	8
Gold Plated	Gold Plated	Gold Plated	Gold Plated
200V AC/DC	250V AC/DC	250V AC/DC	250V AC/DC
5A	5A	10A	10A + 5A
Receptacle: -40°C ~ 105°C Receptacle With Cable: -20°C ~ 80°C Overmolded With Cable: -20°C ~ 80°C Field Installable: -40°C ~ 105°C			
Front & Rear	Front	-	-
✓	✓	-	-
-	-	-	-
✓	-	✓	✓
-	✓	-	-
✓	-	✓	✓
26AWG (0.14mm ²)	24 ~ 20AWG (0.25 ~ 0.50mm ²)	20AWG (0.50mm ²)	20 + 24AWG (0.50 + 0.25mm ²)
2,000 Cycles	2,000 Cycles	2,000 Cycles	2,000 Cycles
Receptacle / Receptacle With Cable: IP67 (Unmated) Overmolded With Cable / Field Installable: IP67 (Mated)			
48h	48h	48h	48h
✓	✓	✓	✓
UL94HB	UL94V-0	UL94HB	UL94V-0
Frequency Range 10~55Hz / Amplitude 1.52mm			
-	-	-	-
✓	✓	✓	✓
✓	✓	✓	✓
UL1977	-	-	-