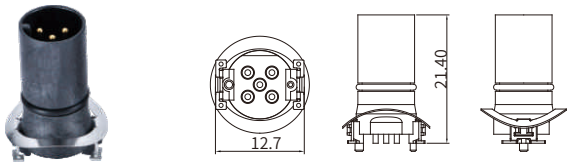
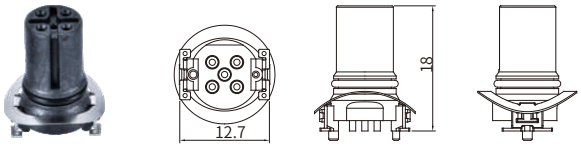
M12 A-coding

M12 A-coding Straight Connector, SMT Type

Male



Female



CE RoHS IP67

CE RoHS IP67

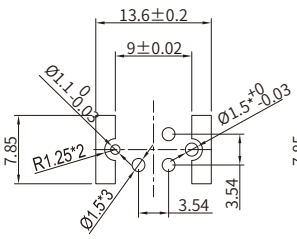
Specifications

Contacts	3	4	5	8
Pin layout(Male)				
Pin layout(Female)				
Standard	IEC 61076-2-101			
Ambient temperature	-25°C ~ +125°C			
Connector insert	LCP			
Connector contacts	Brass with gold plated			
Coupling nut/screw	Brass with gold plated			
Seal/O-ring	FKM			
Insulation resistance	⩾100MΩ			
Contact resistance	⩽5mΩ			
Shielding	Available			
IP rating	IP67 in locked condition			
Mating endurance	>500 cycles			
Rated current	4 A			2 A
Rated voltage	250V AC/ 250V DC		60V AC/ 60V DC	30V AC/ 30V DC

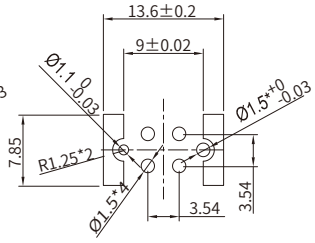
Part Number

Pins	Male	Female
3	MB12MTSA03ST	MB12FTSA03ST
4	MB12MTSA04ST	MB12FTSA04ST
5	MB12MTSA05ST	MB12FTSA05ST
8	MB12MTSA08ST	MB12FTSA08ST

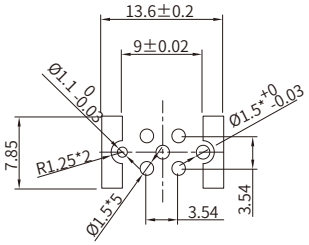
PCB layout



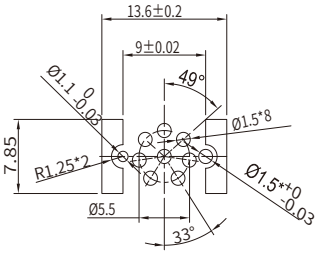
03 pins



04 pins



05 pins



08 pins