CAMBRIDGE ELECTRONIC INDUSTRIES

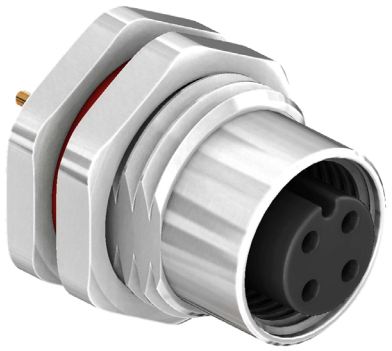
M12 (X) Pin A Code Socket, Front Fastening (PG9/M16 Thread), Straight PCB Solder

Part Number CC12-XXS-FA07-PBX

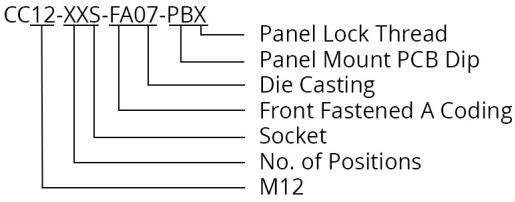
Issue 1.1

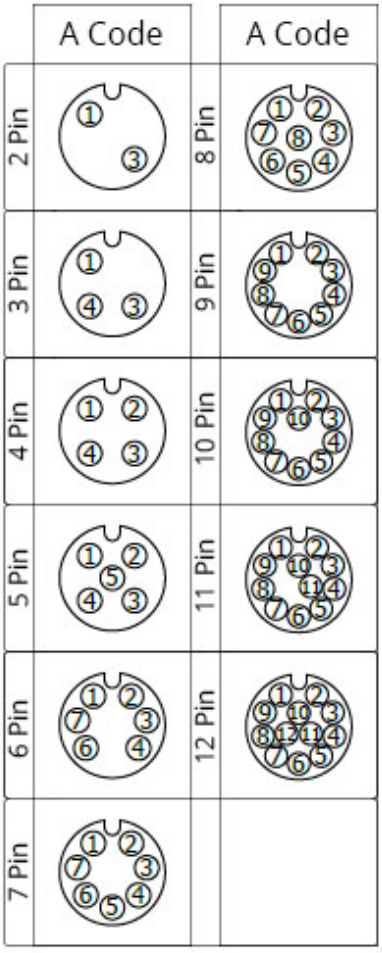
General Description

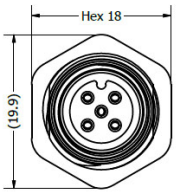
The CC12-XXS-FA07-PBX is an M12 circular connector which is available with 2 to 12 pin options in an A coding and either a PG9 or M16 lock thread nut. The connector features straight pins to the rear for mounting directly to a PCB. These connectors can be used in harsh environments and have a IP67 waterproof rating. The M12 size lends itself as a solution for power or signal solutions for industrial or transportation applications.

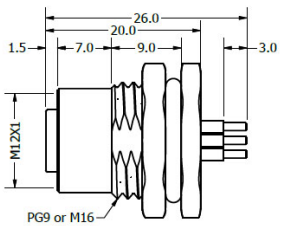


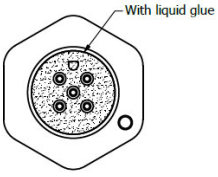
Specification	
Coding	A
Contact	2 to 12 Pins
Current Rating	4A AC/DC (2 to 5 Pins) 2A AC/DC (6 to 8 Pins) 1.5A AC/DC (9 to 12 Pins)
Voltage Rating	250V AC/DC (2 to 4 Pins) 60V AC/DC (5 Pins) 30V AC/DC (6 to 12 Pins)
Contact Resistance	≤5mΩ
Insulation Resistance	≥100MΩ
Withstanding Voltage	500V AC/Minute
Operating Temperature	-40°C to +100°C
Waterproof Rating	IP67
Material Plating	
Insulator	UL94V-0 Black
Connector Contacts	Brass Gold Plated
Shell	Zinc Alloy Nickel Plated
Seal Ring	Red Silicone
Connector Nut	Brass Nickel Plated











Drawing Issue 1.1

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