CAMBRIDGE ELECTRONIC INDUSTRIES

M12 8 Pin X-Code Socket, Front Fastening (PG9/M16 Thread), Straight PCB Solder, Shielded

Part Number CC12-08S-FX-PBSX

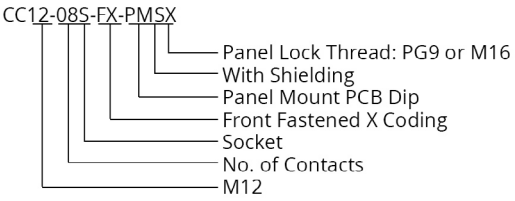
Issue 1.1

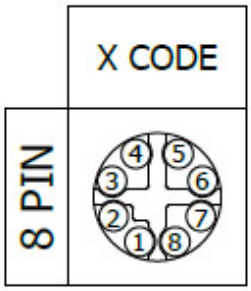
General Description

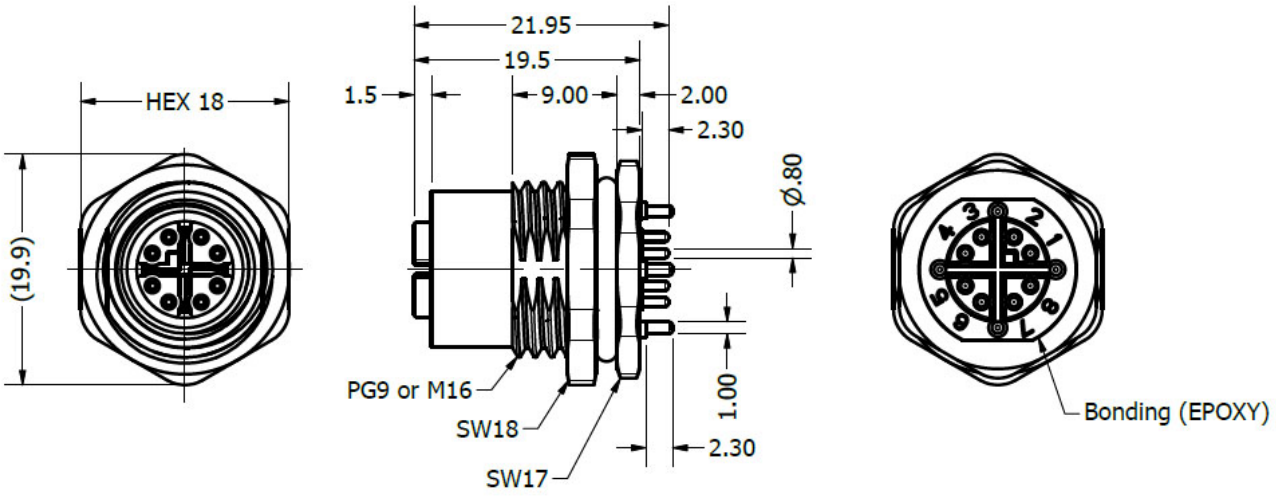
The CC12-08S-FX-PBSX is a M12 circular socket connector which is available with 8 pins and a shielding pin in a X coding format. The connector features straight pins to the rear for mounting directly to a PCB. The panel lock thread for the connector can also be in a PG9 or M16 sizing. The M12 connectors are designed for use in industrial applications and feature a small and robust design which has a waterproof rating to IP67, which protects your equipment from entry of water or dust into your system.



Specification	
Coding	X
Contact	8 Pins
Current Rating	0.5A AC/DC
Voltage Rating	60V DC; 30V AC
Contact Resistance	≤15mΩ
Insulation Resistance	≥100MΩ
Withstanding Voltage	500V AC/Minute
Operating Temperature	-40°C to +85°C
Waterproof Rating	IP67
Durability	500 Cycles
Materials	
Insulator	UL94V-0 Black
Connector Contacts	Brass Gold Plated
Seal Ring	Black Silicone
Shell	Zinc Alloy Nickel Plated
Nut	Brass Nickel Plated (PG9 or M16)
Shielding	Zinc Alloy Nickel Plated







Drawing Issue 1.1

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