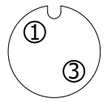
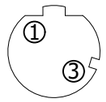
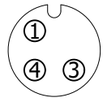
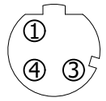
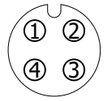
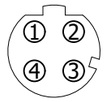
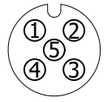
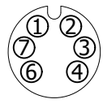
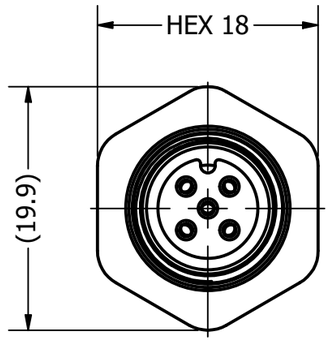
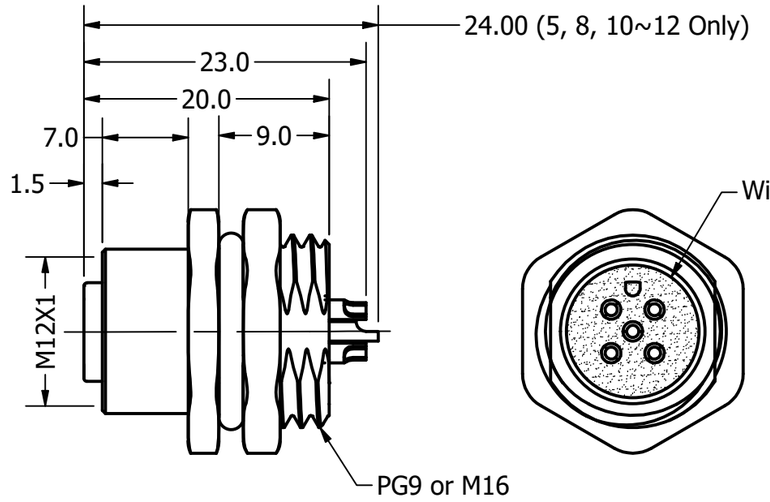
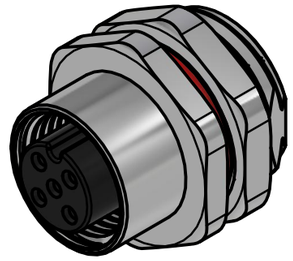
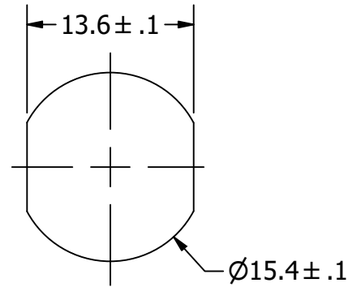
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3 PIN		
4 PIN		
5 PIN		
6 PIN		
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11 PIN		
12 PIN		

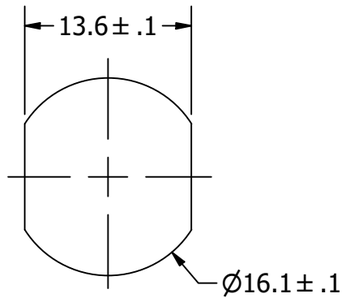








PG9 Recommended panel cutout
MAX panel thickness: 4.0



M16 Recommended panel cutout
MAX panel thickness: 4.0

Electrical:

Current rating	4A (2 ~ 5 Pins), 2A (6 ~ 8 Pins), 1.5A (9 ~ 12 Pins) AC/DC
Voltage rating	250V (2 ~ 4 Pins), 60V (5 Pins), 30V (6 ~ 12 Pins) AC/DC
Withstanding voltage	500V AC/minute between contacts
Insulation resistance	100MΩ MIN
Contact resistance	5mΩ MAX

Environmental:

Operating temperature	-40°C ~ +100°C
Ingress protection	IP67
Mating cycles	500

CC12-XXS-RXXX-PMXXXXX

- Gold plating: blank=3µ" 10=10µ"
- Seal ring: blank=Silicone EP=EPDM
- Panel lock thread: 1=PG9 2=M16
- Panel mount solder type
- Shell: blank=copper alloy 08=stainless steel
- Coding A/D
- Rear fastened
- Socket
- No. of contacts
- M12

PARTS LIST				
ITEM	DESCRIPTION	MATERIAL	REMARK	QTY
1	Insulator	Nylon 66	UL94V-0 Black	1
2	Terminal	Copper Alloy	Gold Plated 3µ" or 10µ"	2~12
3	Shell	Copper Alloy or Stainless Steel	Nickel Plated 60µ"	1
4	Seal Ring	Silicone or EPDM	Red or Black	2
5	Nut	Copper Alloy	PG9 or M16 Nickel Plated 60µ"	1

REVISION HISTORY				
REV	DESCRIPTION	CHG REF	DATE	DESIGNER
1.0	Origin		24/09/2026	Martin Smith

Design Right Protected

Third Angle Projection

RoHS Compliant

Material:

Finish:

Gen Tol .X ±0.30 .XX ±0.20

DO NOT SCALE

Unit of Measure: millimeters (mm)

Designed by Martin Smith

Checked by Peter Millard

Approved by

©2026

Date 24 Sep 2026

A3

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Description: M12 (X) Pin A/D Code Plug, Rear Fastening (PG9/M16 Thread), Straight Solder Bucket

Part No: CC12-XXS-RX-PMX

Issue 1.0

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Source:E:\Cambridge Connectors\Live Products\Engineering Data\(CC#) M-Connectors\M12