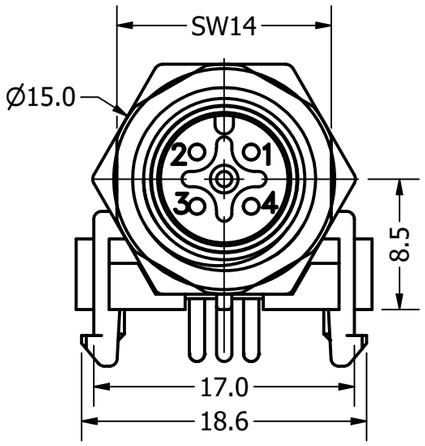
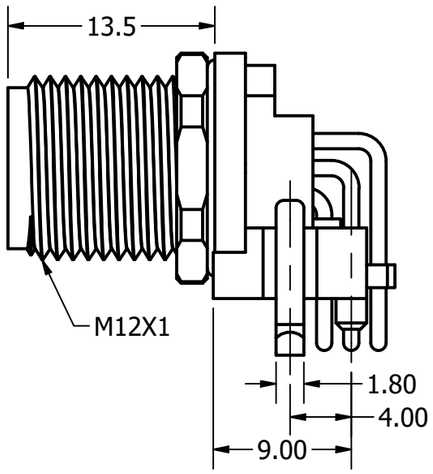
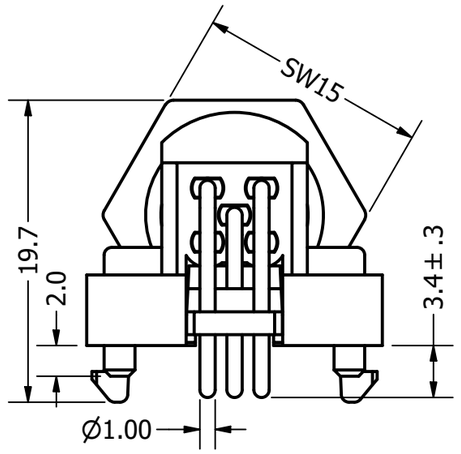
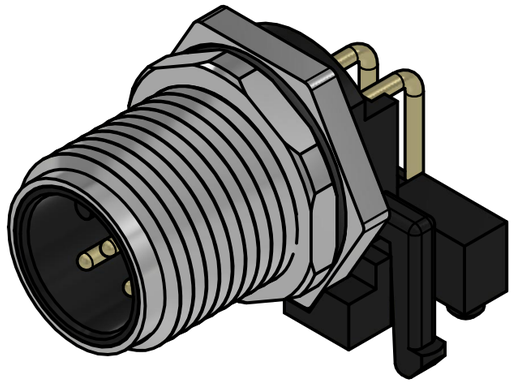
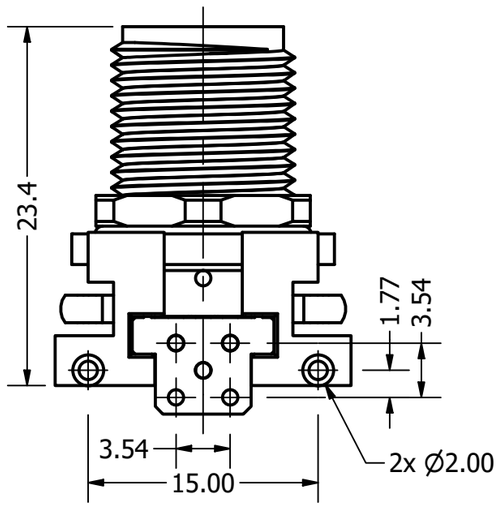










Electrical:

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

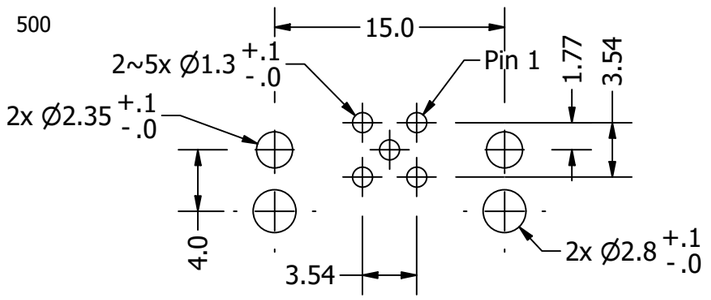
Environmental:

Operating temperature	-40°C ~ +90°C
Ingress protection	IP67
Mating cycles	500

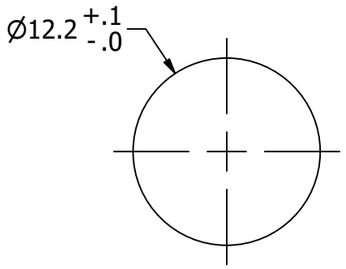
CC12R-XXP-FX-PB

- Panel mount PCB dip
- Coding
- Front fastened
- Plug
- No. of contacts
- Right angle
- M12

	A CODE	D CODE
2 PIN	① ③	
3 PIN	① ③ ④	① ③ ④
4 PIN	② ① ③ ④	② ① ③ ④
5 PIN	② ① ⑤ ③ ④	② ① ⑤ ③ ④



Recommended PCB footprint
TOL: ±.05



Recommended panel cutout
panel thickness: 2~3

PARTS LIST				
ITEM	DESCRIPTION	MATERIAL	REMARK	QTY
1	Insulator	PA66	Black	1
2	Shell	Brass	Nickel Plated	1
3	Seal Ring	FKM / Silicone	Black	1
4	Nut	Brass	Nickel Plated	1
5	Cover	PA66	Black	1
6	Terminal	Brass	Gold Plated 3µ"	2~5

REVISION HISTORY				
REV	DESCRIPTION	CHG REF	DATE	DESIGNER
1.0	Origin	-	22 Aug 2023	Owen Page
1.1	Updated Drawing	FB / SUPP	17 Sep 2026	Martin Smith

Design Right Protected

Third Angle Projection

RoHS Compliant

Material:

Finish:

Gen Tol .X ±0.2 .XX ±0.15

DO NOT SCALE

Unit of Measure: millimeters (mm)

Designed by Owen Page

Checked by Peter Millard

Approved by

©2024

Date 22 Aug 2023

A3

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Description: M12 (X) Pin A/D Code Plug, Front Fastening, Right Angle PCB Mount

Part No: CC12R-XXP-FX-PB

Issue 1.1

Sheet 1 / 1

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