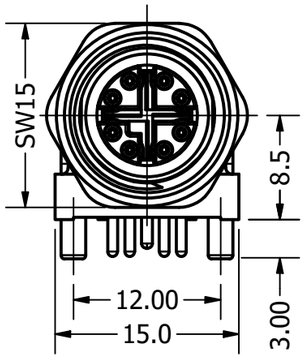
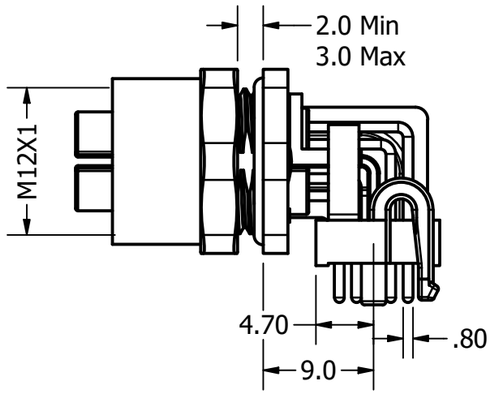
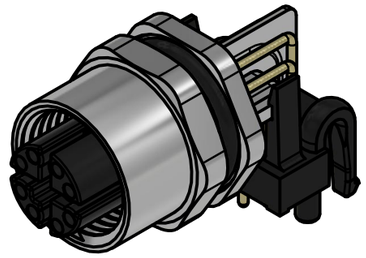
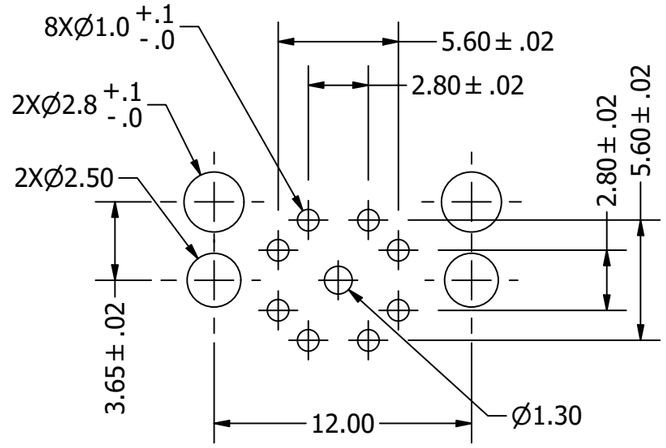
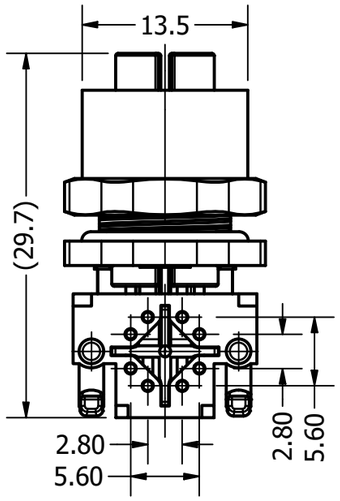








Recommended PCB Layout

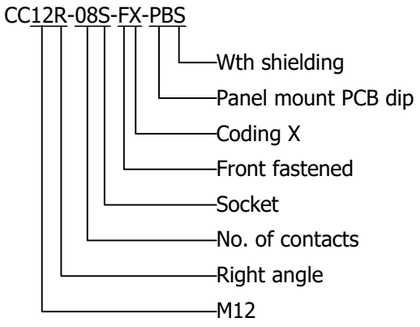


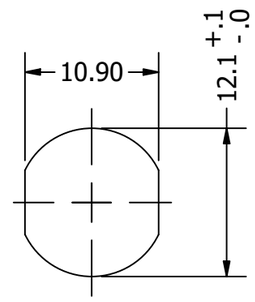
Electrical:

Current rating	0.5A AC/DC
Voltage rating	60V AC/DC
Withstanding voltage	500V AC/minute between contacts
Insulation resistance	100MΩ MIN
Contact resistance	15mΩ MAX

Environmental:

Operating temperature	-40°C ~ +85°C
Ingress protection	IP67
Mating cycles	500





Recommended Panel Cut Out
Thickness: 2~3mm

PARTS LIST				
ITEM	DESCRIPTION	MATERIAL	REMARK	QTY
1	Insulator	Nylon	Black	1
2	Shell	Brass	Nickel Plated	1
3	Seal Ring	Silicone	Black	1
4	Seal Ring	Silicone	Black	1
5	Shell	Zinc Alloy	Nickel Plated	1
6	Gasket	Stainless Steel	Cleaning	1
7	Shielding	Zinc Alloy	Nickel Plating	1
8	Cover	PA66	Black	1
9	Terminal	Brass	Gold Plating 3µ"	8

REVISION HISTORY				
REV	DESCRIPTION	CHG REF	DATE	DESIGNER
1.0	Origin	-	21/08/2023	Owen Page
1.1	Updated Drawing	FB / SUPP	22/09/2026	Martin Smith

X CODE

8 PIN



Design Right Protected

Material: Generic

Finish:

Gen Tol x.x ±0.30 x.xx ±0.20

DO NOT SCALE

Unit of Measure: millimeters (mm)

Third Angle Projection

Designed by Owen Page

Checked by Peter Millard

Approved by

©2026

Date 21/08/2023

A3

RoHS Compliant

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Description: M12 8 Pin X-Code Socket, Front Fastening, Right Angle PCB Mount, Shielded

Part No: CC12R-08S-FX-PBS

Issue 1.1

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