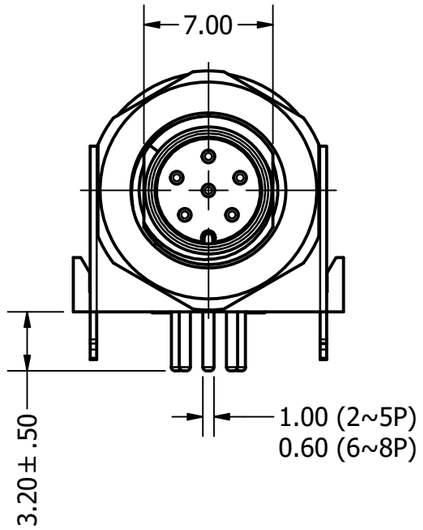
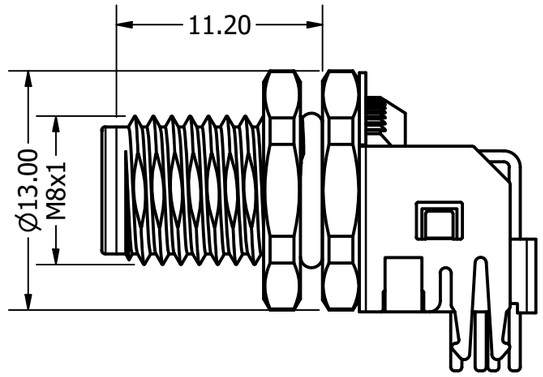
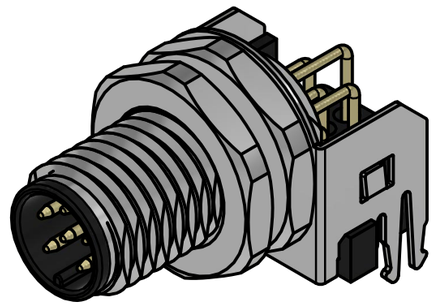






Electrical:

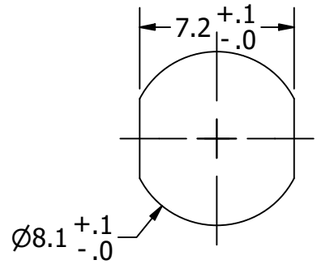
Current rating	3A (3 ~ 5 Pins), 1A (6 ~ 8 Pins) AC/DC
Voltage rating	60V (3 Pins), 30V (4 ~ 8 Pins) AC/DC
Withstanding voltage	500V AC/minute between contacts (3 ~ 5 Pins)
	250V AC/minute between contacts (6 ~ 8 Pins)
Insulation resistance	100MΩ MIN
Contact resistance	10mΩ MAX

Environmental:

Operating temperature	-40°C ~ +80°C
Ingress protection	IP67

CC08R-XXP-FX-PBS

- With shielding
- Panel mount PCB dip
- Coding
- Front fastened
- Plug
- No. of contacts
- Right Angle
- M8



Recommended panel cutout
MAX panel thickness: 3.5

	A CODE	B CODE
3 PIN	④ ① ③	
4 PIN	② ④ ① ③	
5 PIN		② ④ ① ③ ⑤
6 PIN	⑤ ④ ③ ⑥ ① ②	
8 PIN	⑥ ⑤ ④ ⑦ ⑧ ③ ① ②	

PARTS LIST

ITEM	DESCRIPTION	MATERIAL	REMARK	QTY
1	Insulator	Nylon 9T	UL94V-0 Black	1
2	Terminal	Copper Alloy	Gold Plate	2~8
3	Shell	Copper Alloy	Nickel Plate	1
4	Seal Ring	Silicone	Red	1
5	Nut	Copper Alloy	Nickel Plate	1
6	Shielded Shell	Copper Alloy	Nickel Plate	1
7	Cover	Nylon 9T	UL94V-0 Black	1

REVISION HISTORY

REV	DESCRIPTION	CHG REF	DATE	DESIGNER
1.0	Origin	-	21/08/2023	Owen Page
1.1	Drawing update	FB / SUPP	08/09/2026	Peter Millard

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 Owen Page | Checked by Peter Millard | Approved by | ©2026 | Date 21/08/2023 | A3

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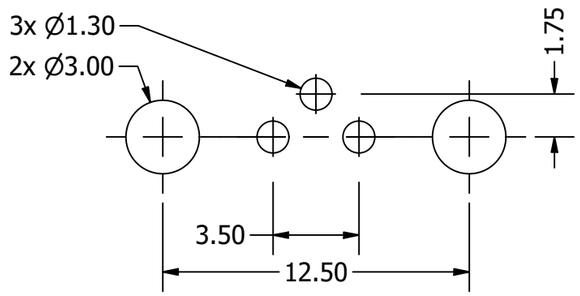
Description: M8 (X) Pin A/B Code Plug, Front Fastening, Right Angle, Shielded

Part No: CC08R-XXP-FX-PBS | Issue 1.1 | Sheet 1 / 2

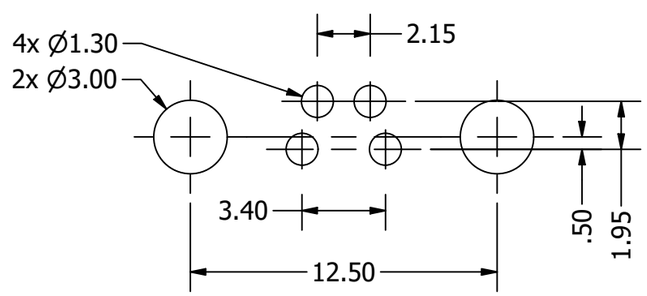
Source:E:\Cambridge Connectors\Live Products\Engineering Data\(CC#) M-Connectors\M8

Recommended PCB footprint

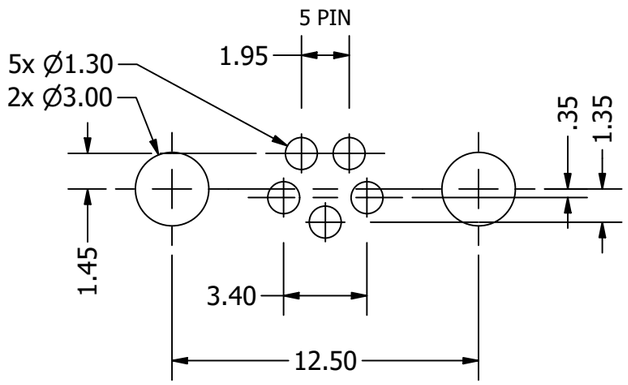
3 PIN



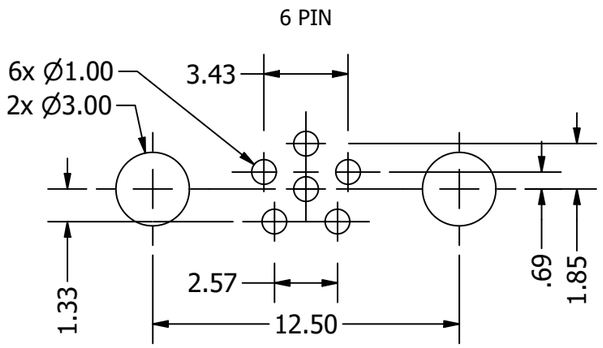
4 PIN



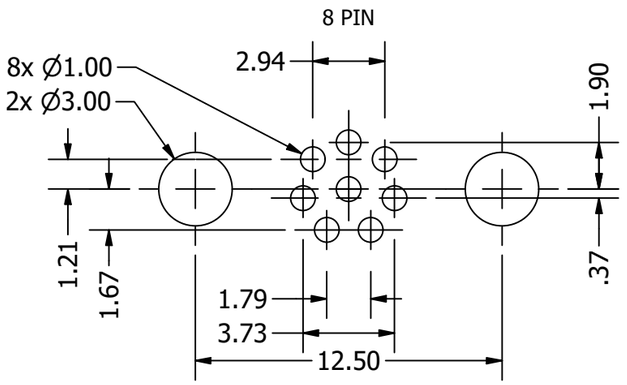
5 PIN



6 PIN



8 PIN



Design Right Protected	Material:	Finish:	Gen Tol .X ±0.30 .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	CAMBRIDGE ELECTRONIC INDUSTRIES	This document and all the data contained herein is and shall remain the property of Cambridge Electronic Industries Ltd and may not be used or copied for any purpose whatsoever without the written permission of Cambridge Electronic Industries Ltd.	Description: M8 (X) Pin A/B Code Plug, Front Fastening, Right Angle, Shielded		
			Part No: CC08R-XXP-FX-PBS	Issue 1.1	Sheet 2 / 2