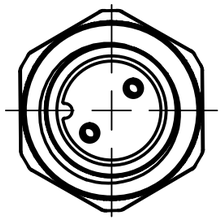
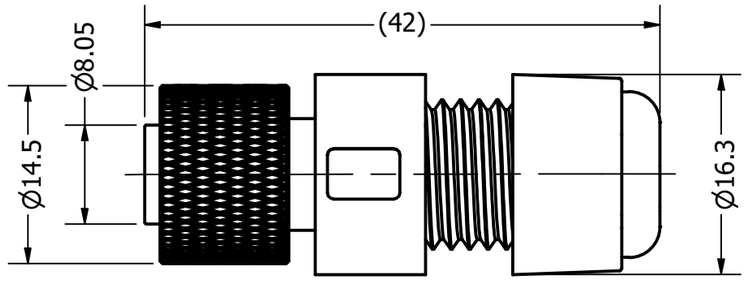
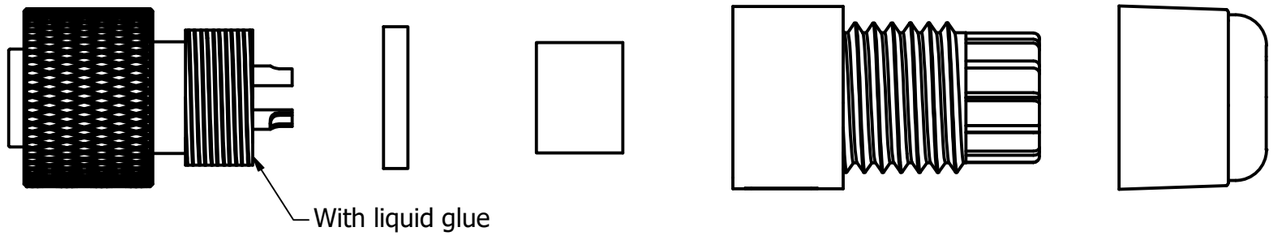
	A CODE
2 PIN	① ③
3 PIN	① ④ ③
4 PIN	① ② ④ ③
5 PIN	① ② ⑤ ④ ③
6 PIN	① ② ③ ⑦ ⑥ ④
7 PIN	① ② ③ ⑦ ⑥ ⑤ ④
8 PIN	① ② ⑦ ⑧ ③ ⑥ ⑤ ④
9 PIN	① ② ③ ⑨ ⑧ ④ ⑦ ⑥ ⑤
10 PIN	① ② ⑨ ⑩ ③ ⑧ ④ ⑦ ⑥ ⑤
11 PIN	① ② ⑨ ⑩ ③ ⑧ ⑪ ④ ⑦ ⑥ ⑤
12 PIN	① ② ⑨ ⑩ ③ ⑧ ⑫ ⑪ ④ ⑦ ⑥ ⑤









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

Mechanical:

Seal for cable OD	4.0~6.5

Environmental:

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

CC12-XXS-A-AS
- Assembly Solder
- Coding A
- Socket
- No. of contacts
- M12

PARTS LIST				
ITEM	DESCRIPTION	MATERIAL	REMARK	QTY
1	Sealing Nut	PPE	Black	1
2	Seal	EPDM	Black	1
3	Clamp Ring	PPE	Black	1
4	Gasket	EPDM	Black	1
5	Screw Nut	Nylon+GF	Black	1
6	Screw Nut	Brass	Nickel Plating 100µ"	1
7	Contact	Brass	Gold Plated 3µ"	2~12
8	Insulator	Nylon+GF	Black	1
9	O-Ring	EPDM	Green	1
10	Liquid Glue	N/A	Black	A/R

REVISION HISTORY				
REV	DESCRIPTION	CHG REF	DATE	DESIGNER
1.0	Origin	-	22/08/2023	Owen Page
1.1	Updated Drawing	FB / SUPP	24 Sep 2026	Martin Smith

Design Right Protected

Material:

Finish:

Gen Tol .X ±0.3 .XX ±0.2

DO NOT SCALE

Unit of Measure: millimeters (mm)

Third Angle Projection

Designed by Owen Page

Checked by

Approved by

©2024

Date 22 Aug 2023

A3

RoHS Compliant

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Description: M12 (X) Pin A-Code Socket, Cable Mount, Straight Solder Bucket

Part No: CC12-XXS-A-AS

Issue 1.1

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