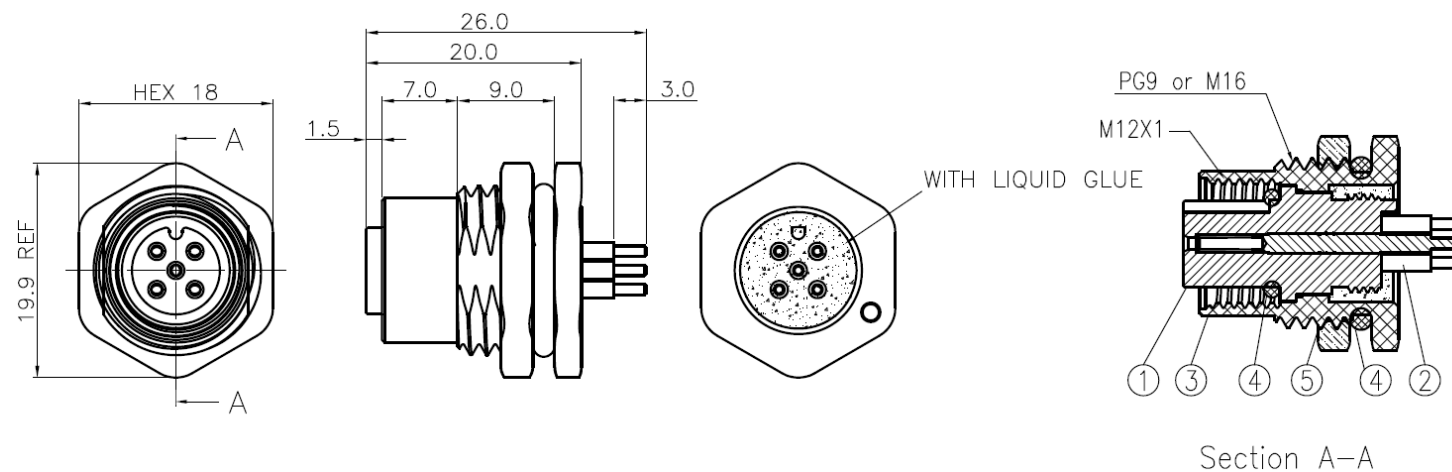


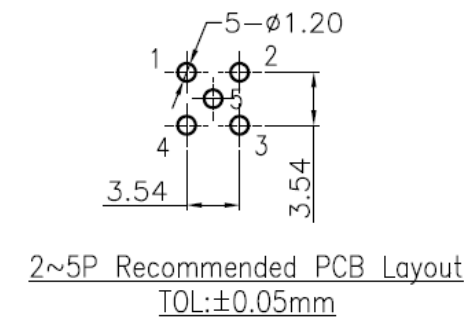
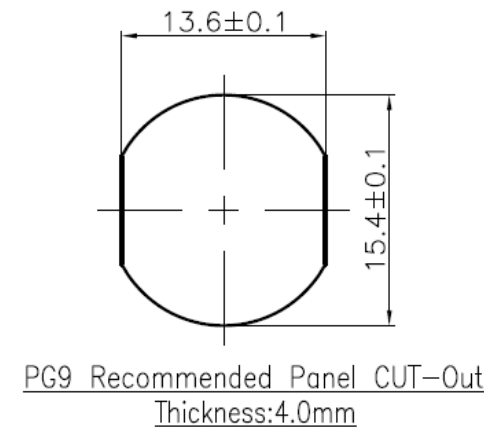


Specifications:
Current Rating: 4A (2~5P); 2A (6-8P) AC/DC; 1.5A(9-12P)AC/DC
Voltage Rating: 250V (3~4P); 60V (5P); 30V (8P) AC/DC
Contact Resistance: 5m ohm Max.
Insulation Resistance: 100M ohm Min.
Withstanding Voltage: 500V AC/Minute
Operating Temperature Range: -40°C ~ +100°C
Waterproof Rate: IP67

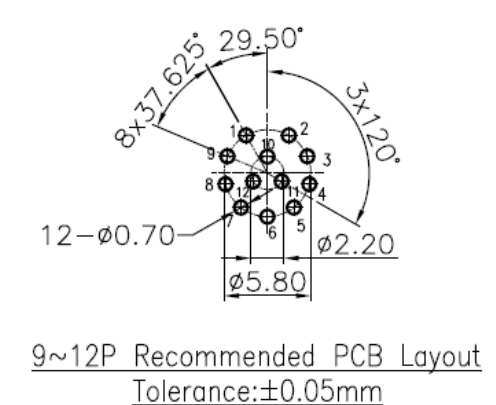
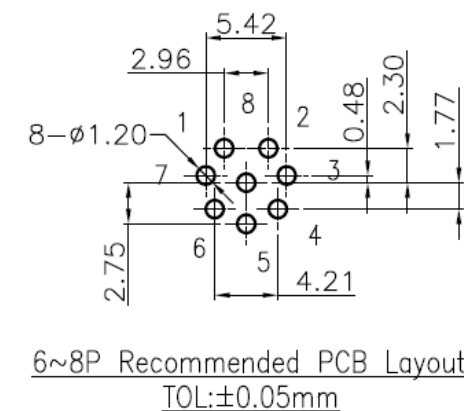
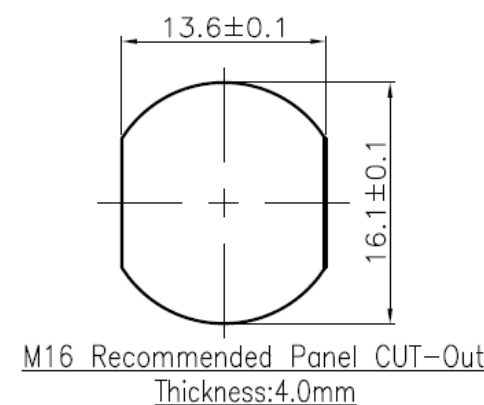
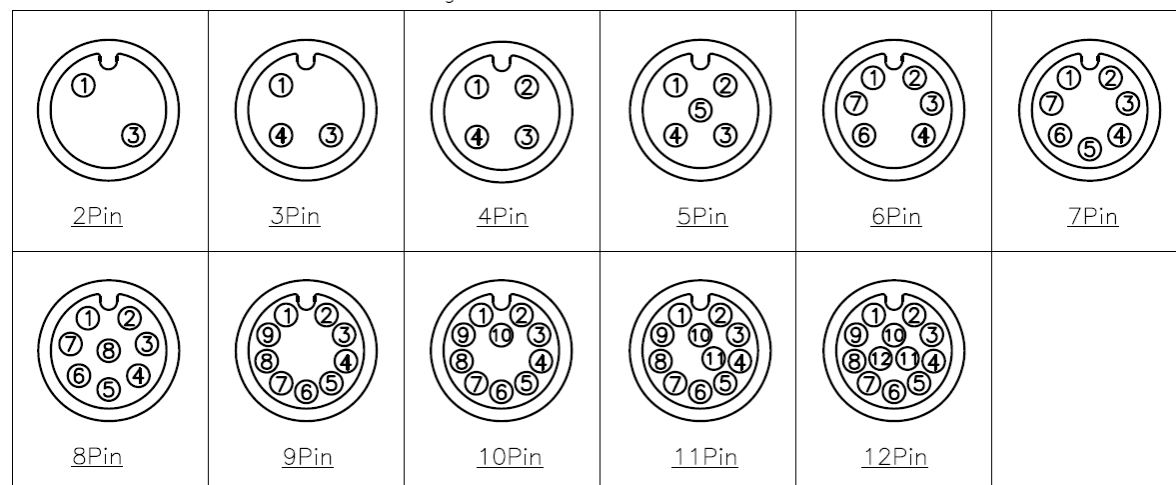


CC12-XXS-FA-PBX

- Panel Lock Thread: PG9 or M16
- Panel Mount PCB Dip
- Front Fastened Coding: A
- Socket
- No. of Contacts
- M12



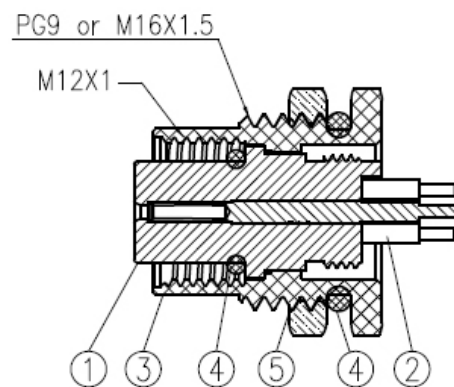
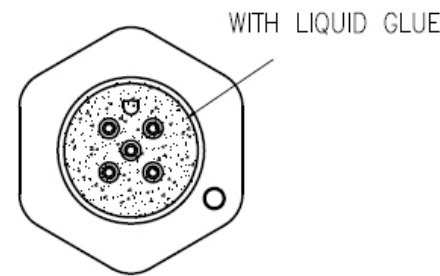
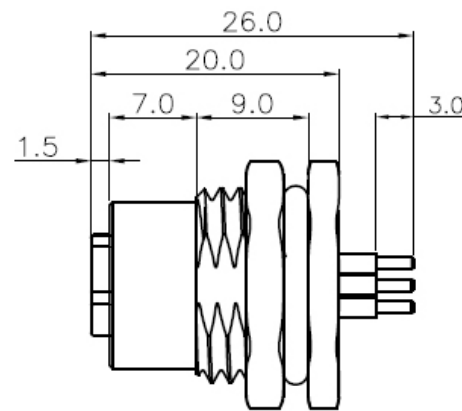
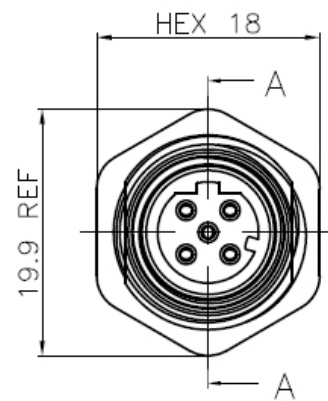
Pin Assignments Front View



ITEM	Description	Material	Remark	Q'TY
1	Insulator	Nylon	UL94V-0 Black	1
2	Terminal	Copper Alloy	Gold Plated 3u"	2~12
3	Shell	Copper Alloy	Nickel Plated 60u"	1
4	Seal ring	Silicone	Red	2
5	Nut	Copper Alloy	PG9 or M16 Nickel Plated 60u"	1

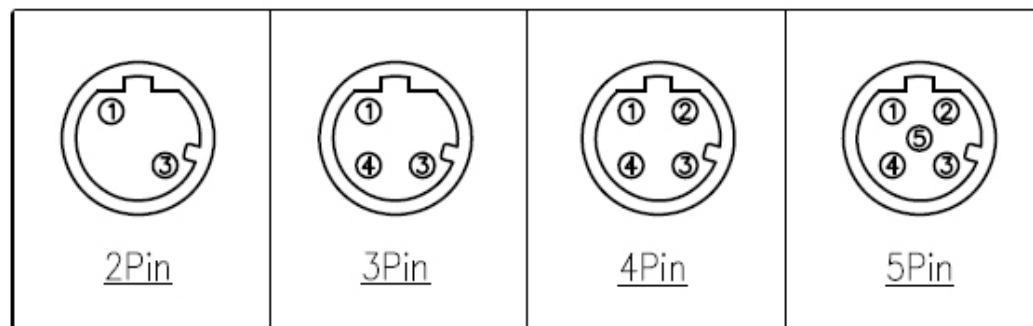
REVISION HISTORY				
REV	DESCRIPTION	CHG REF	DATE	DESIGNER
1.0	Origin	-	29/08/2023	Owen Page
©2023				
A4				
Issue 1.0				
Sheet 1 / 2				

DO NOT SCALE		Third Angle Projection		Designed by Owen Page		X.X - +0.30 X.XX - +0.20		Design Right Protected	
Unit of Measure: millimetres (mm)									
RoHS Compliant		Cambridge Electronic Industries Ltd		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: M12 A Code Socket Straight Dip Type		Part No: CC12-XXS-FA-PBX	



Section A-A

Pin Assignments Front View



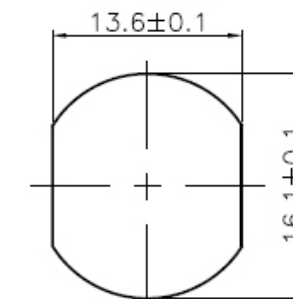
ITEM	Description	Material	Remark	Q'TY
1	Insulator	Nylon	UL94V-0 Black	1
2	Terminal	Copper Alloy	Gold Plated 3u"	2~5
3	Shell	Copper Alloy	Nickel Plated 60u"	1
4	Seal ring	Silicone	Red	2
5	Nut	Copper Alloy	PG9 or M16 Nickel Plated 60u"	1

Specifications:
Current Rating: 4A AC/DC
Voltage Rating: 250V (3~4P); 60V (5P); AC/DC
Contact Resistance: 5m ohm
Max. Insulation Resistance: 100M ohm Min.
Withstanding Voltage: 500V AC/Minute
Operating Temperature Range: -40°C ~ +100°C
Waterproof Rate: IP67

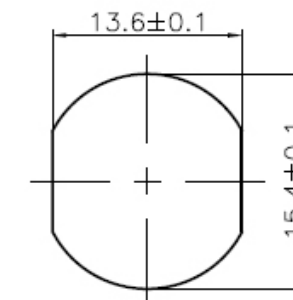


CC12-XXS-FD-PBX

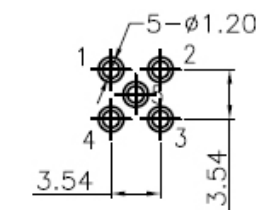
Panel Lock Thread: PG9 or M16
Panel Mount PCB Dip
Front Fastened Coding: D
Socket
No. of Contacts
M12



M16 Recommended
Panel CUT-Out
Thickness:4.0mm



PG9 Recommended
Panel CUT-Out
Thickness:4.0mm



2~5P Recommended PCB Layout
TOL:±0.05mm

REVISION HISTORY				
REV	DESCRIPTION	CHG REF	DATE	DESIGNER
1.0	Origin	-	29/08/2023	Owen Page

DO NOT SCALE
Unit of Measure: millimetres (mm)

Third Angle Projection

Designed by
Owen Page

X.X - +0.30
X.XX - +0.20

Design Right
Protected

©2023

Date
29/08/2023

A4

RoHS
Compliant

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Description:
M12 D Code Socket Straight Dip Type
Part No:
CC12-XXS-FD-PBX

Issue
1.0

Sheet
2 / 2