

6 1 5 1 4 3 1 2 1 1

D

D

C

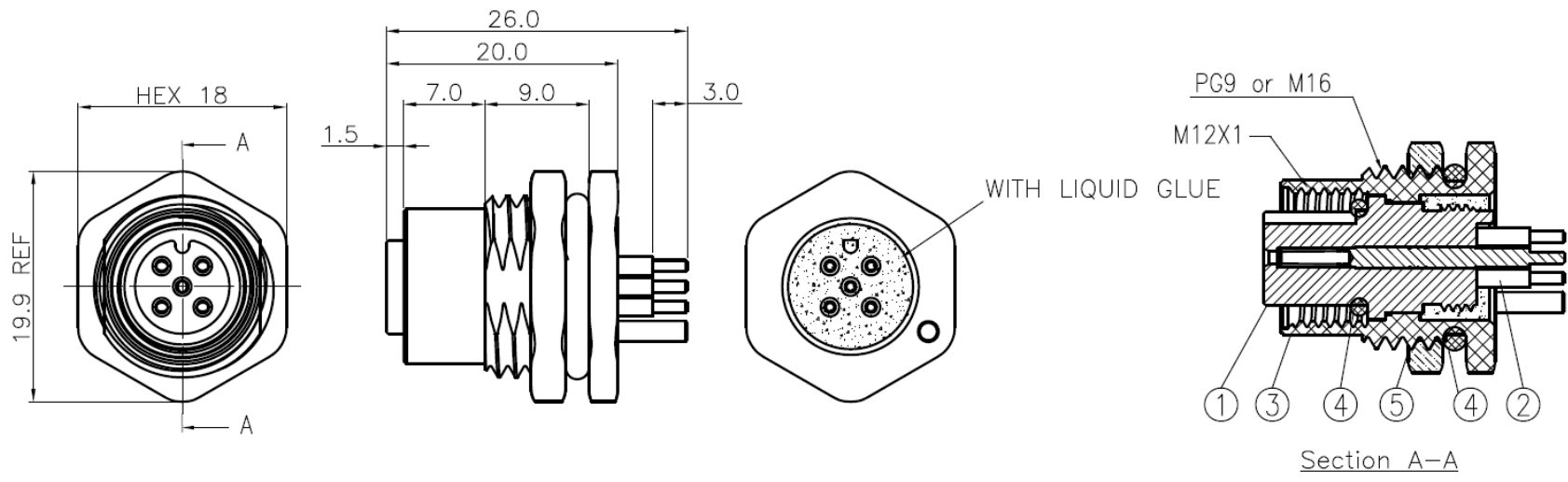
C

B

B

A

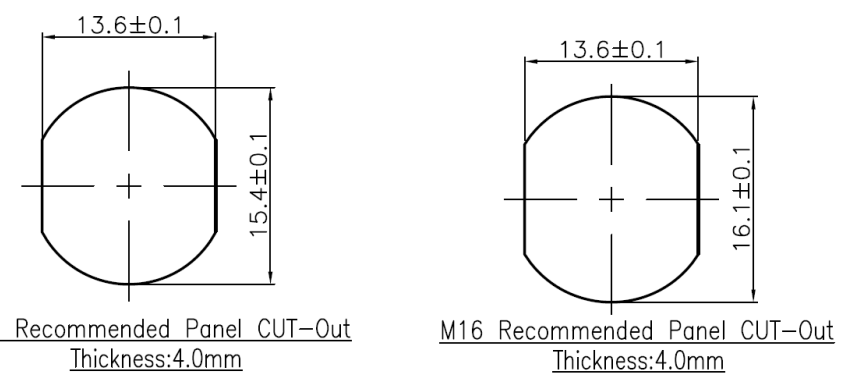
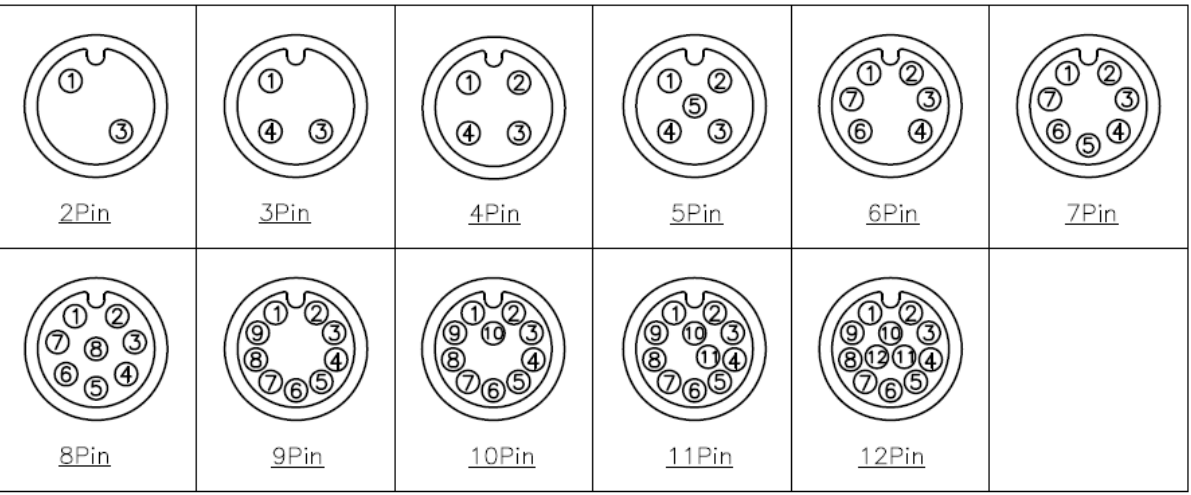
A



Specifications:
Current Rating: 4A (2~5P); 2A (6~8P); 1.5A (9~12P) AC/DC
Voltage Rating: 250V (2~4P); 60V (5P); 30V (6~12P) 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-FA07-PBSX
Panel Lock Thread
With Shielding
Panel Mount PCB Dip
Die Casting
Front Fastened A Coding
Socket
No. of Positions
M12

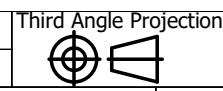
Pin Assignments Front View



Recommended PCB Layout See Page 2

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

DO NOT SCALE
Unit of Measure: millimetres (mm)



Designed by
Owen Page

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

Design Right
Protected

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Date
22 08 2023

DESIGNER
Owen Page
A4

RoHS
Compliant

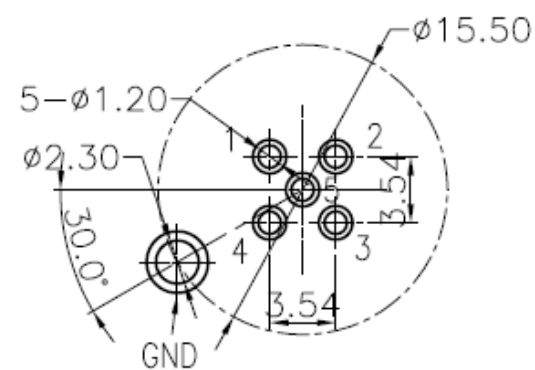
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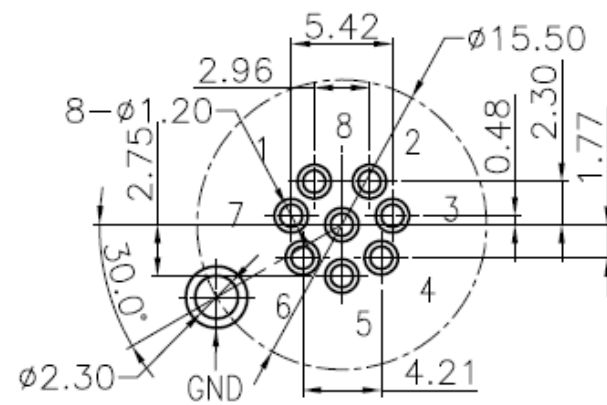
Description:
M12 A Code Socket Straight Dip Type
Part No:
CC12-XXS-FA07-PBSX

Issue
1.0

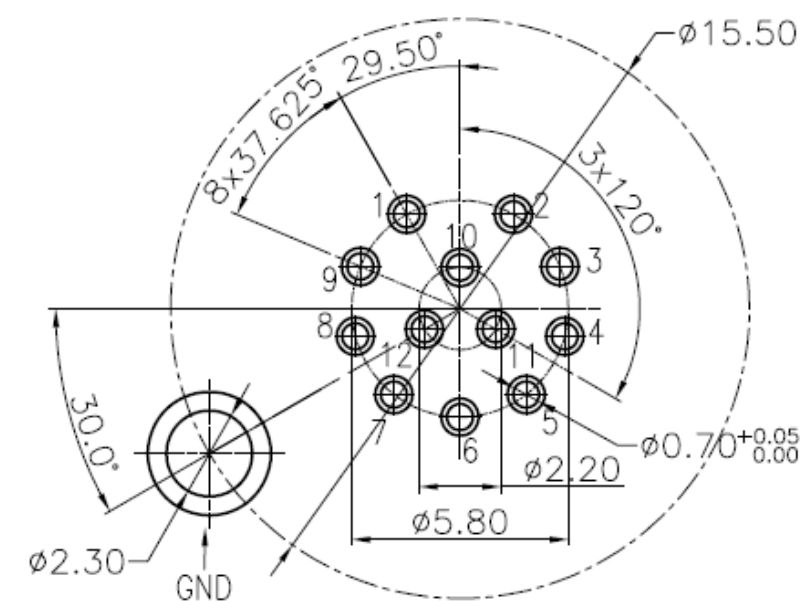
Sheet
1 / 2



3~5P Recommended PCB Layout
TOL:±0.05mm



6~8P Recommended PCB Layout
TOL:±0.05mm



9~12P Recommended PCB Layout
TOL:±0.05mm
Scale:2:1

REVISION HISTORY				
REV	DESCRIPTION	CHG REF	DATE	DESIGNER
1.0	Origin	-	22 08 2023	Owen Page

DO NOT SCALE
Unit of Measure: millimetres (mm)

Third Angle Projection

Designed by
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X.X - +0.30
X.XX - +0.20

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Description:
M12 A Code Socket Straight Dip Type

Part No:
CC12-XXS-FA07-PBSX

Issue
1.0

Sheet
2 / 2