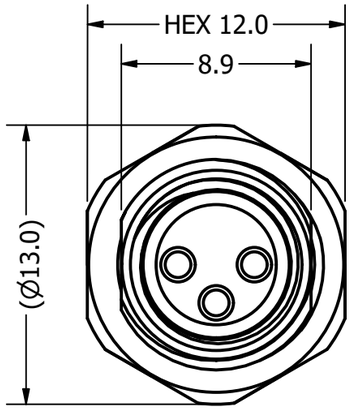
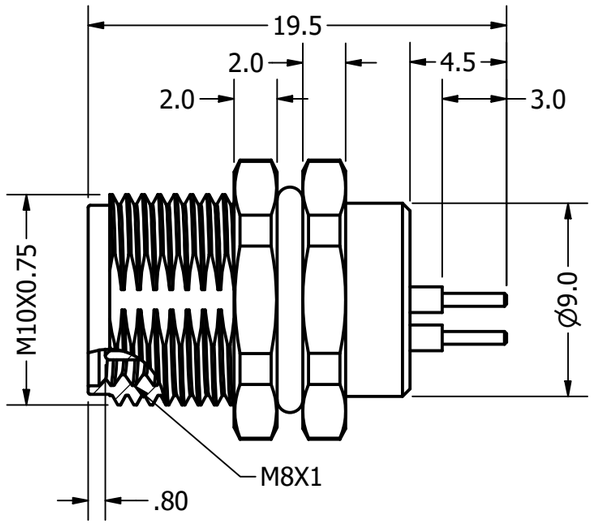
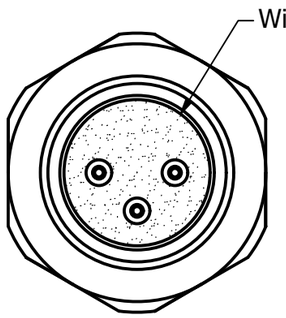
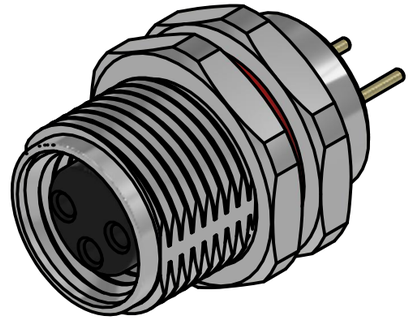
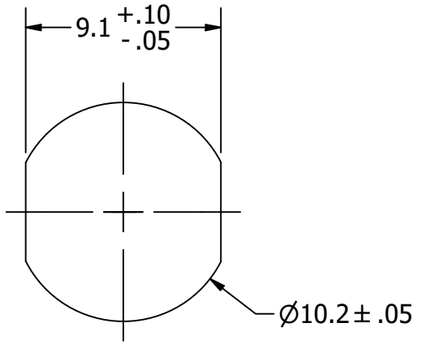





**Recommended panel cutout**
**MAX panel thickness: 3.5**

**Electrical:**

| | |
|---|---|
| Current rating | 3A (2 ~ 5 Pins), 1A (6 ~ 8 Pins) AC/DC |
| Voltage rating | 60V (2 ~ 3 Pins), 30V (4 ~ 8 Pins) AC/DC |
| Withstanding voltage | 500V AC/minute between contacts (2 ~ 5 Pins) |
| | 250V AC/minute between contacts (6 ~ 8 Pins) |
| Insulation resistance | 100MΩ MIN |
| Contact resistance | 5mΩ MAX |

**Environmental:**

| | |
|---|---|
| Operating temperature | -40°C ~ +100°C |
| Ingress protection | IP67 |

CC08-XXS-FX-PB4
- Panel lock thread: 4=M10
- Panel mount PCB dip
- Coding
- Front fastened
- Socket
- No. of contacts
- M8

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

PARTS LIST

| ITEM | DESCRIPTION | MATERIAL | REMARK | QTY |
|---|---|---|---|---|
| 1 | Insulator | Nylon | UL94V-0 black | 1 |
| 2 | Terminal | Copper alloy | Gold plated 3μ" | 2~8 |
| 3 | Shell | Copper alloy | Nickel plated 60μ" | 1 |
| 4 | Seal Ring | Silicone | Red | 1 |
| 5 | Copper Alloy | Copper alloy | Nickel plated 60μ" | 1 |

REVISION HISTORY

| REV | DESCRIPTION | CHG REF | DATE | DESIGNER |
|---|---|---|---|---|
| 1.0 | Origin | - | 22 Aug 2023 | Owen Page |
| 1.1 | Updated drawing | FB / SUPP | 30 Sep 2026 | Peter Millard |

Design Right Protected

Third Angle Projection

RoHS Compliant

Material:

Finish:

Gen Tol .X ±0.3 .XX ±0.2

DO NOT SCALE

Unit of Measure: millimeters (mm)

Designed by Owen Page

Checked by Martin Smith

Approved by

©2026

Date 22/08/2023

A3

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Description: M8 (X) Pin A/B Code Socket, Front Fastening (M10 Thread), Straight Solder

Part No: CC08-XXS-FX-PB4

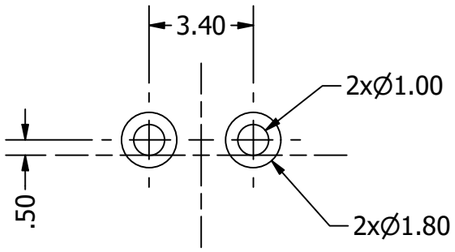
Issue 1.1

Sheet 1 / 2

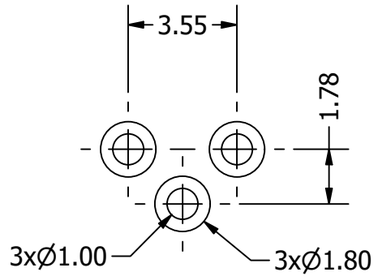
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**Recommended PCB footprint**

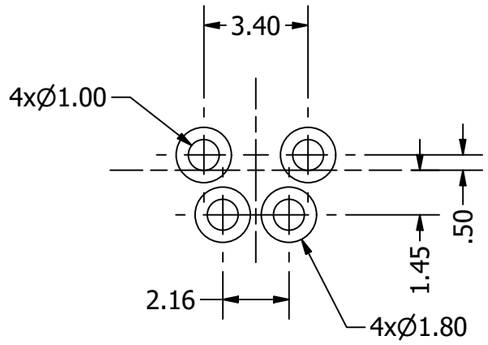
2 PIN



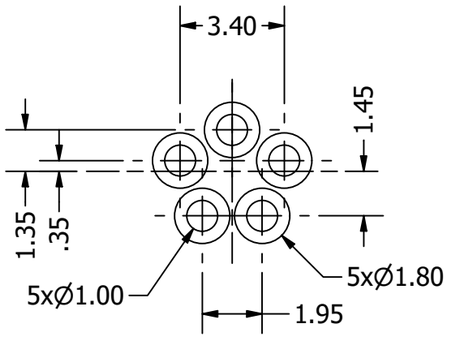

3 PIN



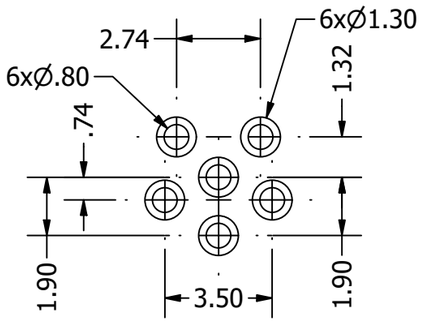

4 PIN



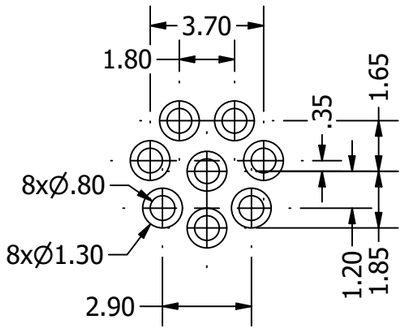

5 PIN




6 PIN




8 PIN




| | | | | | |
|---|---|---|---|---|---|
| **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 Martin Smith | Approved by | ©2026 | Date 22/08/2023 | 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 Socket, Front Fastening (M10 Thread), Straight Solder | | |
| | | | Part No: CC08-XXS-FX-PB4 | Issue 1.1 | Sheet 2 / 2 |