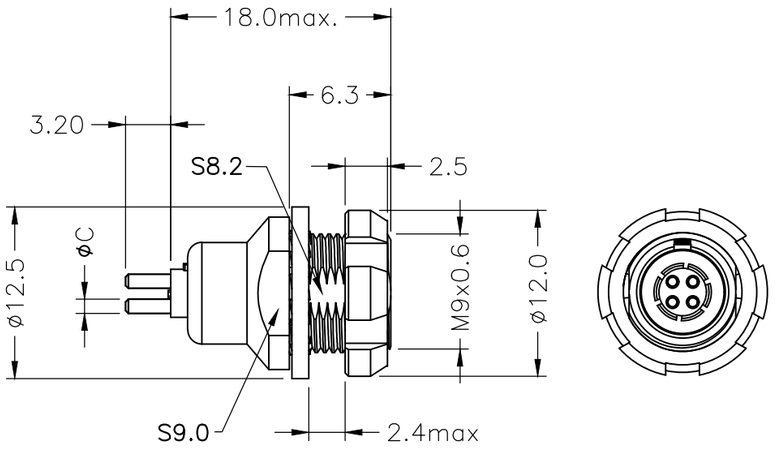
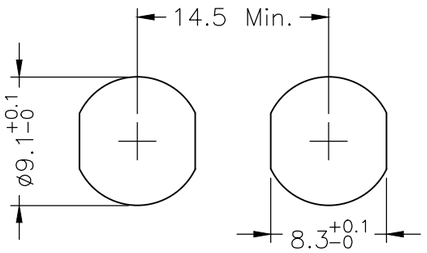





PANEL CUT–OUT

| CONTACTS | øC |
|---|---|
| 02,03 | 0.7 |
| 04,05...07,09 | 0.5 |

0B METAL CIRCULAR ASSEMBLY P/N DESCRIPTION :

0B A F7 X X XX X 00C
① ② ③ ④

① Insert
P=PEEK
1=PPS

② Plating
2=High Gold
A=Gold flash

③ Number of contacts
02=2Pin
⋮
09=9Pin

④ Keying

| | | |
|---|---|---|
| G= 0° | D=135° | K= 70° |
| A= 30° | E=145° | L= 80° |
| B= 60° | F=155° | M=110° |
| C= 90° | J= 45° | |

NOTE:

1. MATERIAL:

1.1.SHELL ASSEMBLY: COPPER ALLOY,OUTER SHELL AND COLLET NUT Cr PLATING, OTHER METALLIC COMPONENTS Ni PLATING

1.2.INSERT: THERMOPLASTIC,UL94V–0

1.3.CENTER CONTACT : COPPER ALLOY,Au PLATING

2.NUMBER OF CONTACT : 2 TO 9 POSITION

3.RoHS DIRECTIVE COMPLIANCE

| REV. | REVISION DESCRIPTION | ECR/ECN NO. | DATE |
|---|---|---|---|

THIRD ANGLE PROJECTION

UNITS ■ mm □ INCH

ANGLES 0 PLC ± 3
1 PLC ± 2

TOLERANCES UNLESS OTHERWISE SPECIFIED
0 PLC ± 1.00
1 PLC ± 0.50
2 PLC ± 0.25
3 PLC ±
4 PLC ±

| | | | |
|---|---|---|---|
| APPROVED BY | JACK | DATE | 2024–7–20 |
| CHECKED BY | CHARLES | DATE | 2024–7–20 |
| DRAWN BY | ANDY | DATE | 2024–7–20 |

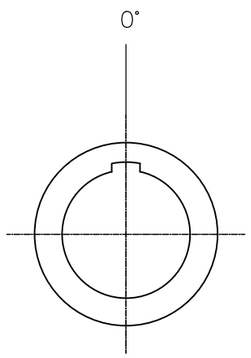
Dongguan Circon Technology Co.,Ltd.

TITLE: 0B METAL CIRCULAR CONNECTOR FIXED SOCKET

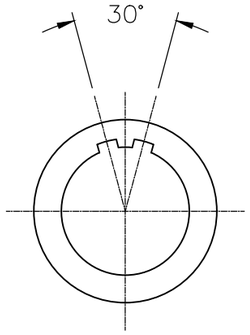
| | | | |
|---|---|---|---|
| C | DRAWING NO. | A–M–095 | REV. A1 |
| | PART NO. | 0BAF7XXXXX00C | |

SIZE: A3 | SCALE: 1:1 | SHEET: 1 OF 3

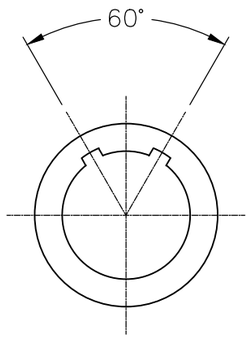
KEYING ANGLES (RECEPTACLE FRONT VIEW):



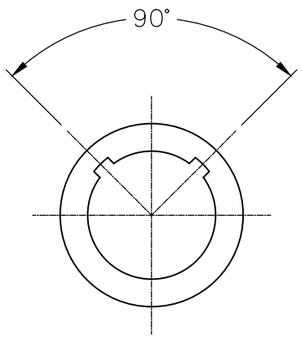

G



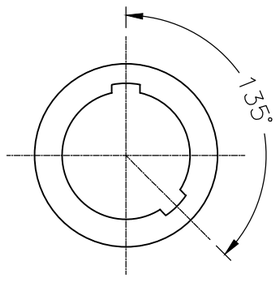

A



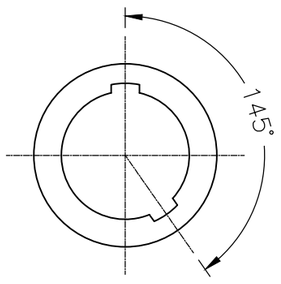

B



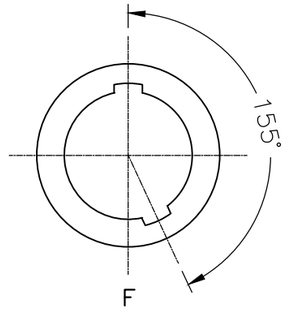

C



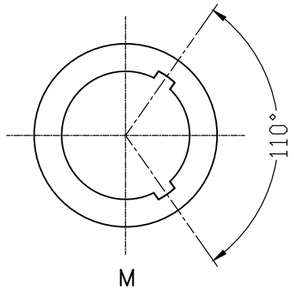

D



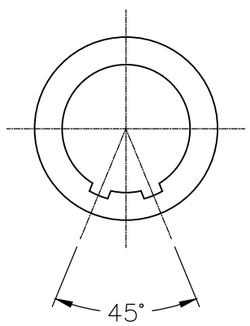

E



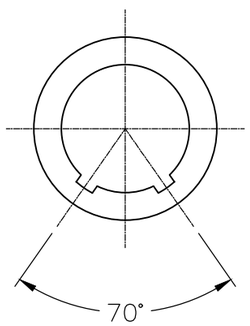

F



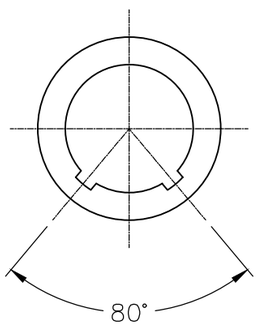

M




J



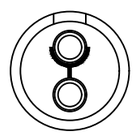

K




L

VIEW FROM TERMINATION SIDE PIN PART

02 PIN



03 PIN



04 PIN



05 PIN



06 PIN



07 PIN



9 PIN



| | |
|---|---|
| THIRD ANGLE PROJECTION | TOLERANCES UNLESS OTHERWISE SPECIFIED |
| UNITS ■ mm □ INCH | 0 PLC ± 1.00<br>1 PLC ± 0.50<br>2 PLC ± 0.25<br>3 PLC ±<br>4 PLC ± |
| ANGLES 0 PLC ± 3<br>1 PLC ± 2 | |

Dongguan Circon Technology Co.,Ltd.

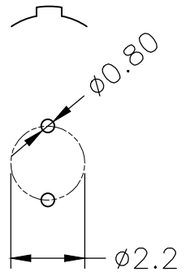
TITLE: 0B METAL CIRCULAR CONNECTOR FIXED SOCKET

| | | | | | |
|---|---|---|---|---|---|
| APPROVED BY | JACK | DATE | 2024-7-20 | C | DRAWING NO. A-M-095 REV. A1 |
| CHECKED BY | CHARLES | DATE | 2024-7-20 | | PART NO. 0BAF7XXXXX00C |
| DRAWN BY | ANDY | DATE | 2024-7-20 | SIZE: A3 | SCALE: 1:1 SHEET: 2 OF 3 |

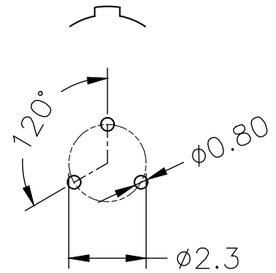
| REV. | REVISION DESCRIPTION | ECR/ECN NO. | DATE |
|---|---|---|---|

PCB DRILLING PATTERN:

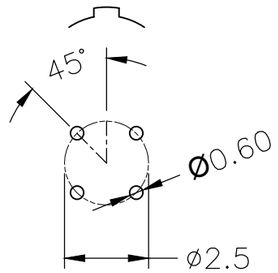
02PIN



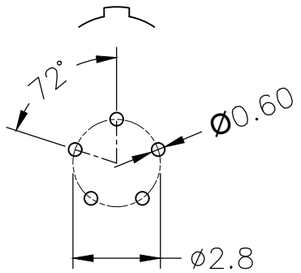

03PIN



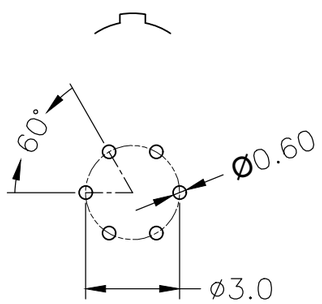

04PIN



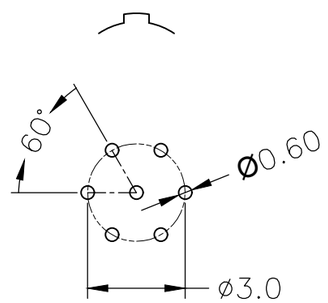

05PIN



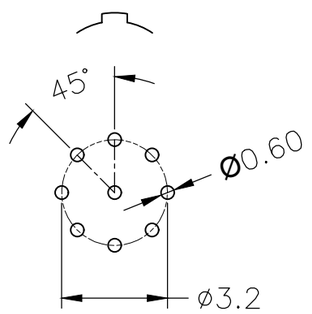

06PIN




07PIN




09PIN




| | | | |
|---|---|---|---|
| THIRD ANGLE PROJECTION | | TOLERANCES UNLESS OTHERWISE SPECIFIED | |
| UNITS ■ mm □ INCH | | 0 PLC ± 1.00<br>1 PLC ± 0.50<br>2 PLC ± 0.25<br>3 PLC ±<br>4 PLC ± | |
| ANGLES 0 PLC ± 3<br>1 PLC ± 2 | | | |
| APPROVED BY | JACK | DATE | 2024-7-20 |
| CHECKED BY | CHARLES | DATE | 2024-7-20 |
| DRAWN BY | ANDY | DATE | 2024-7-20 |

Dongguan Circon Technology Co.,Ltd.

TITLE: 0B METAL CIRCULAR CONNECTOR FIXED SOCKET

| | | | |
|---|---|---|---|
| C | DRAWING NO. | A-M-095 | REV. A1 |
| | PART NO. | 0BAF7XXXXX00C | |
| SIZE: A3 | SCALE: 1:1 | SHEET: 3 OF 3 | |

| REV. | REVISION DESCRIPTION | ECR/ECN NO. | DATE |
|---|---|---|---|