

1P CIRCULAR ASSEMBLY P/N DESCRIPTION :

1P X M3 X X XX X X C X X
① ② ③ ④ ⑤ ⑥ ⑦ ⑧

- ① Shell:
A=Shell:PSU Grey
B=Shell:PSU Black
C=Shell:PEI Grey
D=Shell:PEI Black
E=Shell:PPSU Grey
F=Shell:PPSU Black
1=Shell:PC+ABS Grey
2=Shell:PC+ABS Black

- ② Insert
P=PEEK-With Ink mark
S=PPS-With Ink mark
T=PPS-Unmarked
U=PEEK-Unmarked

- ③ Contact Plating
2=High Gold
A=Gold flash

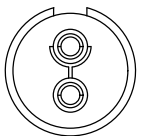
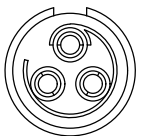
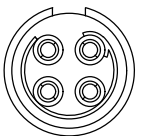
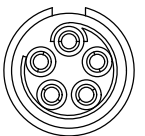
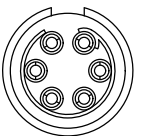
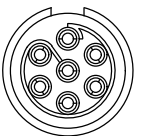
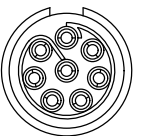
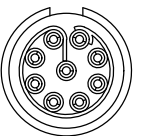
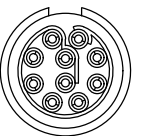
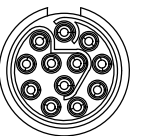
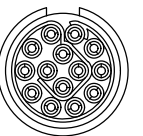
- ④ Number of contacts
02=2Pin
...
14=14Pin

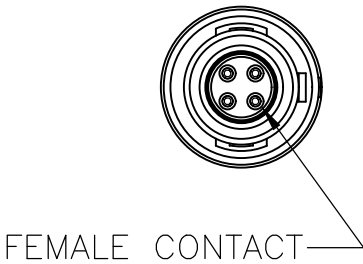
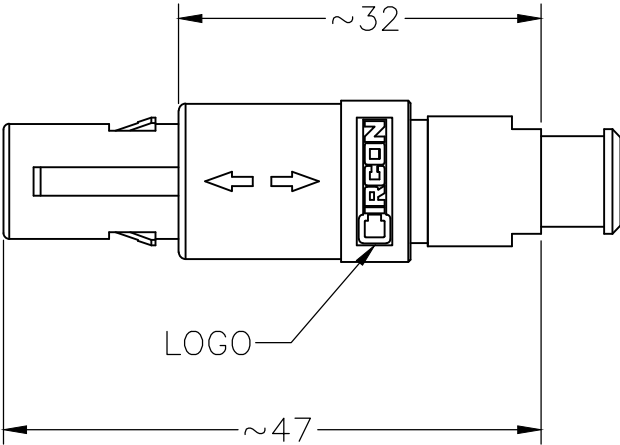
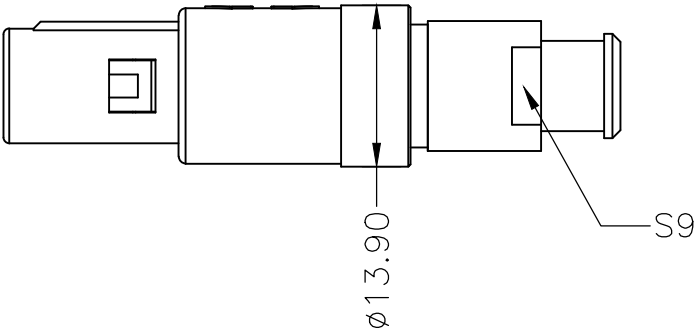
- ⑤ Keying
G= 0° C= 80°
A= 40° H= 170°
B= 60° J= 205°

- ⑥ Cable collet
3=ø3.9mm (Cableø=2.7~3.9mm)
5=ø5.2mm (Cableø=4.0~5.2mm)
6=ø6.5mm (Cableø=5.3~6.5mm)

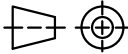
- ⑦ Nut Colour
8=Grey (Keep in line with shell)
0=Black (Keep in line with shell)

- ⑧ Logo&Shell mark
0= No Logo A= No Logo&With Ink mark
1= With Logo B= With Logo&With Ink mark

2 PIN	3 PIN	4 PIN	5 PIN	6 PIN	7 PIN	8 PIN	9 PIN	10 PIN	12 PIN	14 PIN
										

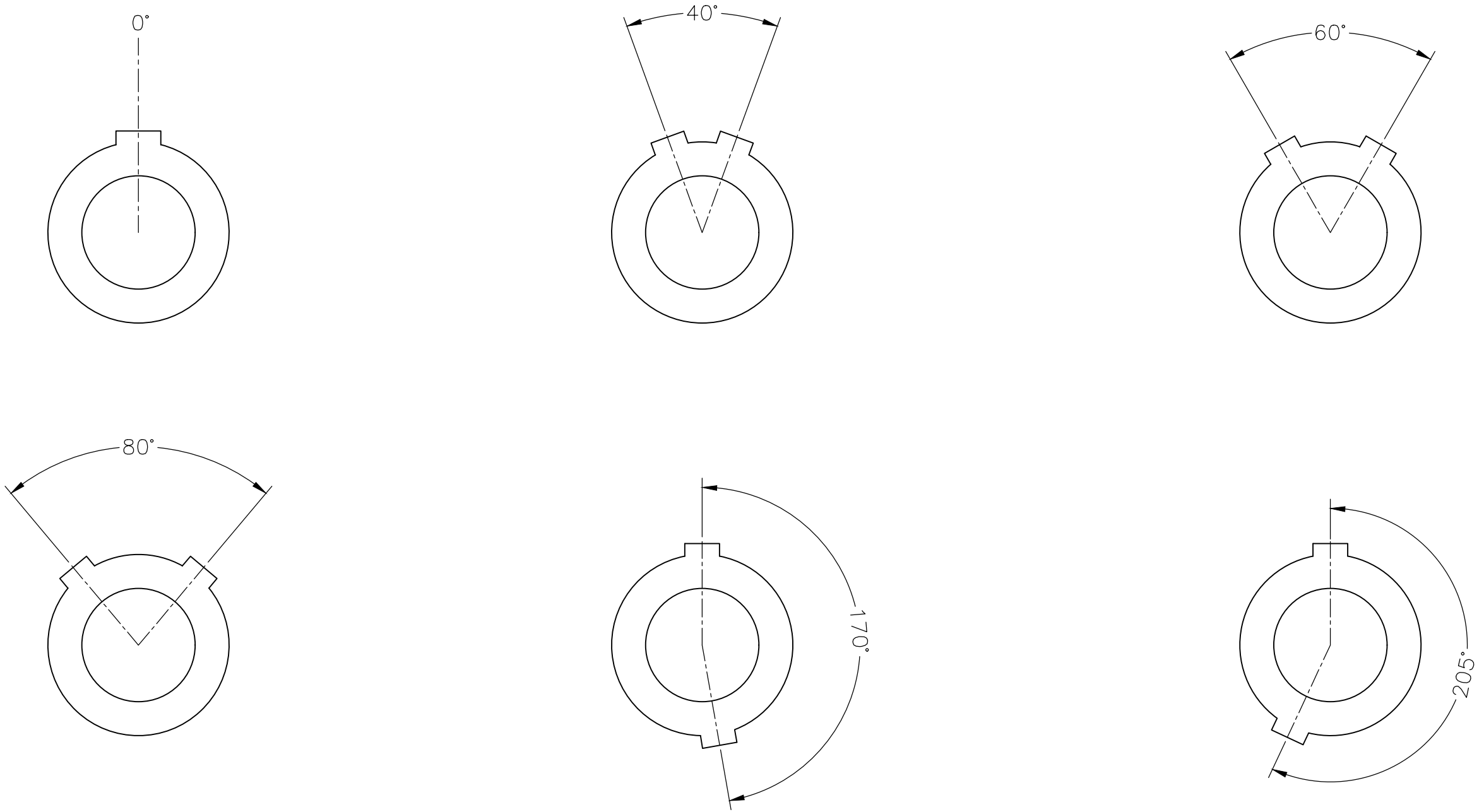


- NOTE:
- 1. MATERIAL:
 - 1.1.SHELL: THERMOPLASTIC,UL94V-0
 - 1.2.INSERT: THERMOPLASTIC,UL94V-0
 - 1.3.CENTER CONTACT : COPPER ALLOY,Au PLATING
 - 1.4.GASKET : ELASTOMER
 - 2.NUMBER OF CONTACT : 2 TO 14 POSITION
 - 3.RoHS DIRECTIVE COMPLIANCE
 - 4.IP64, AFTER ASSEMBLY

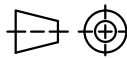
THIRD ANGLE PROJECTION		TOLERANCES UNLESS OTHERWISE SPECIFIED		<div></div> <div>Dongguan Circon Technology Co.,Ltd.</div>			
							
UNITS ☒ mm ☐ INCH							
ANGLES 0 PLC ± 3 1 PLC ± 2		0 PLC ± 1.00 1 PLC ± 0.50 2 PLC ± 0.25 3 PLC ± 4 PLC ±		TITLE: 1P CIRCULAR CONNECTOR STRAIGHT PLUGS Nut=For fitting a bend relief type-IP64			
APPROVED BY	JACK	DATE	2026-3-16	C	DRAWING NO.	A-M-781	REV.
CHECKED BY	CHARLES	DATE	2026-3-16		PART NO.	1PXM3XXXXXXCXX	A0
DRAWN BY	ANDY	DATE	2026-3-16	SIZE: A3	SCALE: 1:1	SHEET: 1 OF 2	

REV.	REVISION DESCRIPTION	ECR/ECN NO.	DATE
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KEYING (PLUG FRONT VIEW):



THIRD ANGLE PROJECTION



UNITS ☒ mm ☐ INCH

ANGLES 0 PLC $\pm$ 3
1 PLC $\pm$ 2

TOLERANCES UNLESS
OTHERWISE SPECIFIED

0 PLC $\pm$ 1.00
1 PLC $\pm$ 0.50
2 PLC $\pm$ 0.25
3 PLC $\pm$
4 PLC $\pm$

APPROVED BY

JACK

DATE

2026-3-16

CHECKED BY

CHARLES

DATE

2026-3-16

DRAWN BY

ANDY

DATE

2026-3-16



Dongguan Circon Technology Co.,Ltd.

TITLE:

1P CIRCULAR CONNECTOR STRAIGHT PLUGS
Nut=For fitting a bend relief type-IP64

C

DRAWING NO.

A-M-781

REV.

PART NO.

1PXM3XXXXXXCXX

A0

SIZE: A3

SCALE: 1:1

SHEET: 2 OF 2

REV.

REVISION DESCRIPTION

ECR/ECN NO.

DATE