1P CIRCULAR ASSEMBLY P/N DESCRIPTION :

1P X FE X X XX X 0 D X X
① ② ③④ ⑤ ⑥⑦

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
T=PPS–Unmarked
U=PEEK–Unmarked

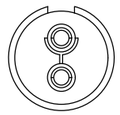
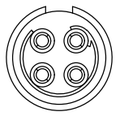
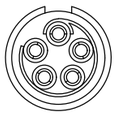
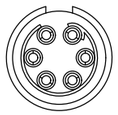
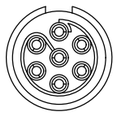
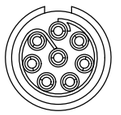
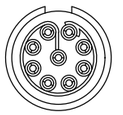
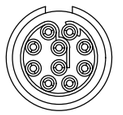
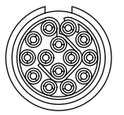
③ Contact Plating
2=High Gold
A=Gold flash

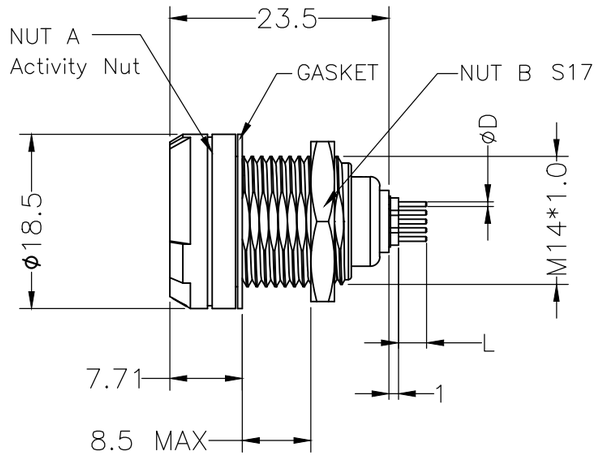
④ Number of contacts
02=2Pin
⋮
14=14Pin

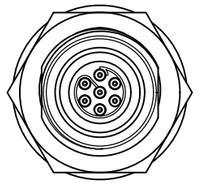
⑤ Keying
G= 0° C= 80°
A= 40° H= 170°
B= 60° J= 205°

⑥ Nut Colour
0= Black 2= Red 5= Green 8= Grey
1= White 4= Yellow 6= Blue

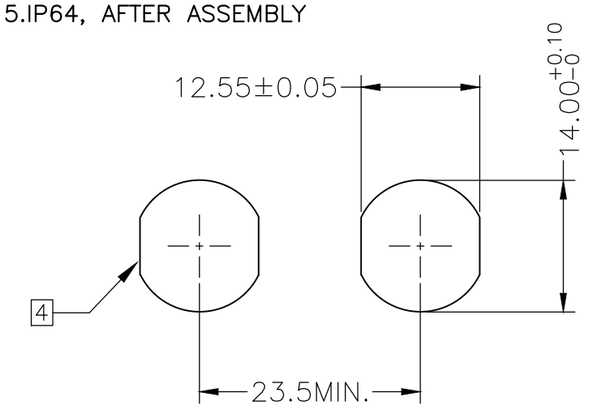
⑦ Logo&Nut A mark
0= No Logo A= No Logo&With Ink mark
1= With Logo B= With Logo&With Ink mark

	2 PIN	3 PIN	4 PIN	5 PIN	6 PIN	7 PIN	8 PIN	9 PIN	10 PIN	14 PIN
										
L	5	5	5	5	3	3	3	3	3	3
øD	0.7	0.7	0.7	0.7	0.5	0.5	0.5	0.5	0.5	0.5





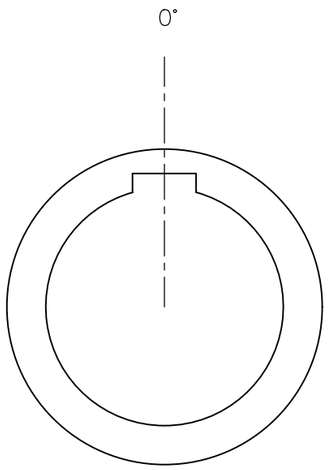
NOTE:
1. MATERIAL:
1.1.SHELL: THERMOPLASTIC,UL94V–0
1.2.INSERT: THERMOPLASTIC,UL94V–0
1.3.CENTER CONTACT : COPPER ALLOY, Au PLATING
1.4.NUT A : THERMOPLASTIC,UL94V–0
1.5.NUT B : COPPER ALLOY,Ni PLATING
1.6.GASKET : ELASTOMER
2.NUMBER OF CONTACT : 2 TO 14 POSITION
3.RoHS DIRECTIVE COMPLIANCE
4.PANEL HOLE
5.IP64, AFTER ASSEMBLY

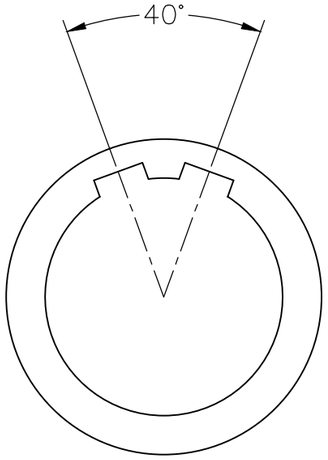


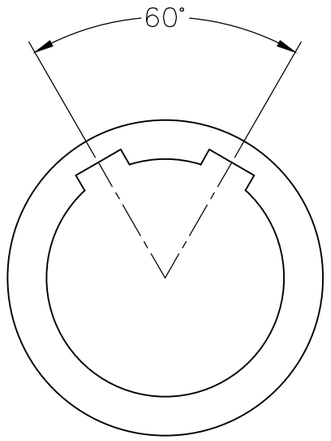
THIRD ANGLE PROJECTION		TOLERANCES UNLESS OTHERWISE SPECIFIED	
UNITS ■ mm □ INCH		0 PLC ± 1.00 1 PLC ± 0.50 2 PLC ± 0.25 3 PLC ± 4 PLC ±	Dongguan Circon Technology Co.,Ltd.
ANGLES 0 PLC ± 3 1 PLC ± 2			TITLE: 1P CIRCULAR CONNECTOR FIXED SOCKETS/IP64
APPROVED BY	JACK	DATE 2024–3–29	C DRAWING NO. A–M–495 REV. A0
CHECKED BY	CHARLES	DATE 2024–3–29	PART NO. 1PXFEXXXXX0DXX
DRAWN BY	ANDY	DATE 2024–3–29	SIZE: A3 SCALE: 1:1 SHEET: 1 OF 3

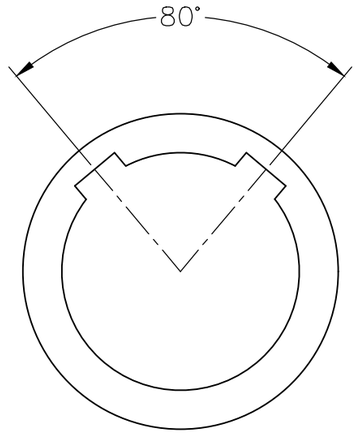
REV.	REVISION DESCRIPTION	ECR/ECN NO.	DATE

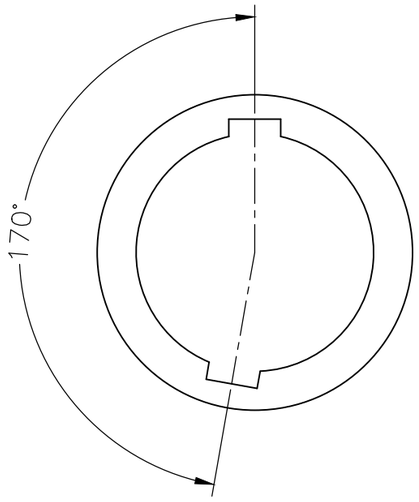
KEYING (RECEPTACLE FRONT VIEW):

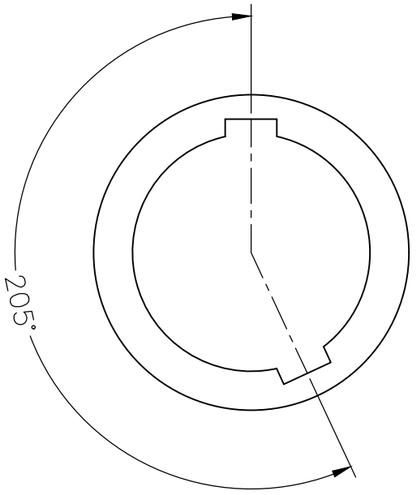












THIRD ANGLE PROJECTION		TOLERANCES UNLESS OTHERWISE SPECIFIED	
UNITS ■ mm □ INCH		0 PLC ± 1.00 1 PLC ± 0.50 2 PLC ± 0.25 3 PLC ± 4 PLC ±	
ANGLES 0 PLC ± 3 1 PLC ± 2			
APPROVED BY	JACK	DATE	2024-3-29
CHECKED BY	CHARLES	DATE	2024-3-29
DRAWN BY	ANDY	DATE	2024-3-29

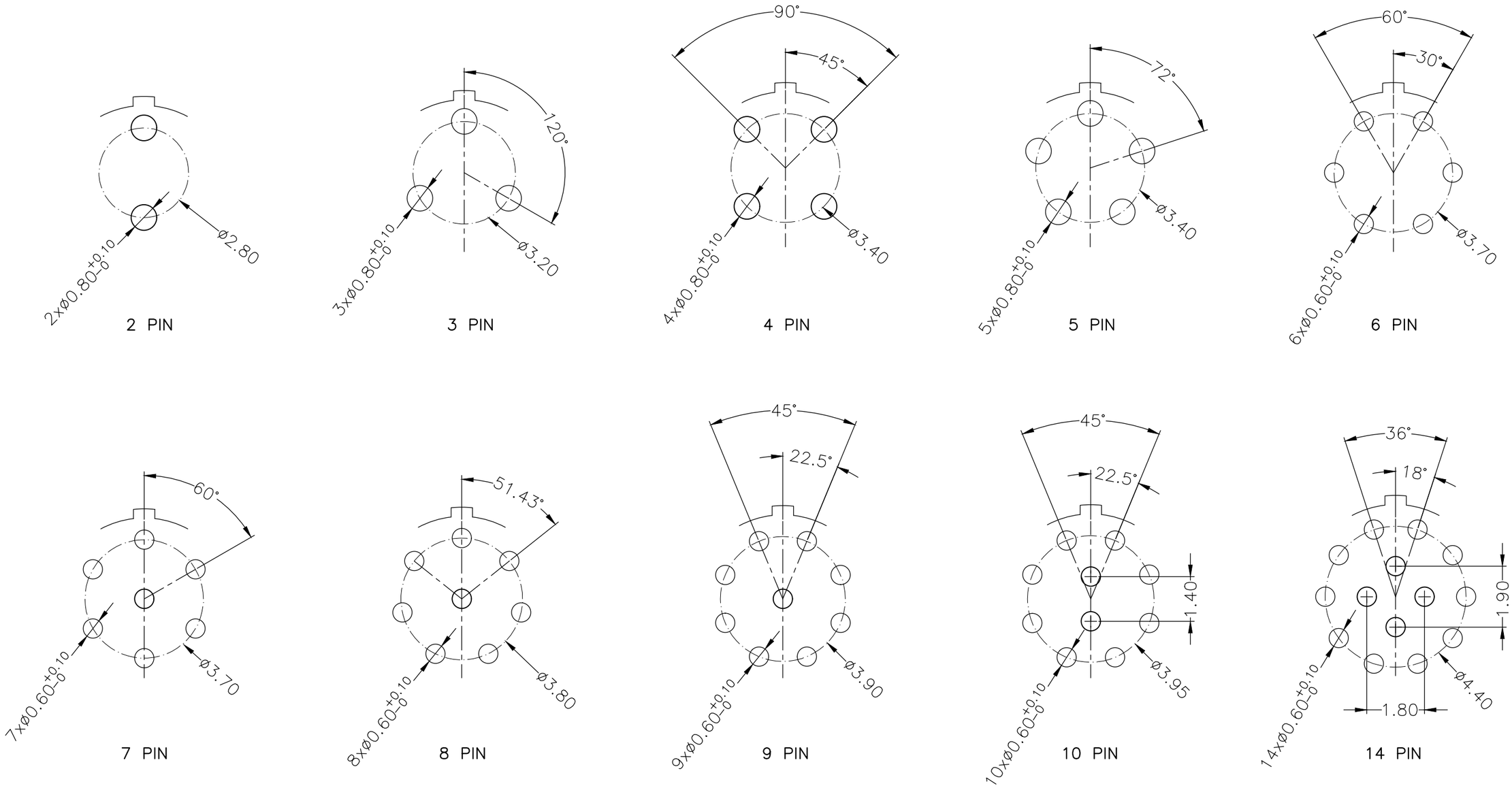
Dongguan Circon Technology Co.,Ltd.

TITLE: 1P CIRCULAR CONNECTOR
FIXED SOCKETS/IP64

C	DRAWING NO.	A-M-495	REV. A0
	PART NO.	1PXFEXXXXX0DXX	
SIZE: A3	SCALE: 1:1	SHEET: 2 OF 3	

REV.	REVISION DESCRIPTION	ECR/ECN NO.	DATE

PCB LAYOUT:



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

CIRCON®

Dongguan Circon Technology Co.,Ltd.

TITLE: 1P CIRCULAR CONNECTOR FIXED SOCKETS/IP64

APPROVED BY	JACK	DATE	2024-3-29
CHECKED BY	CHARLES	DATE	2024-3-29
DRAWN BY	ANDY	DATE	2024-3-29

C	DRAWING NO.	A-M-495	REV. A0
	PART NO.	1PXFEXXXXX0DXX	
SIZE: A3	SCALE: 1:1	SHEET: 3 OF 3	

REV.	REVISION DESCRIPTION	ECR/ECN NO.	DATE