

1P CIRCULAR ASSEMBLY P/N DESCRIPTION :

1P X F7 X X XX X 0 D X X
① ② ③ ④ ⑤ ⑥ ⑦

- 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
U=PEEK—Unmarked
T=PPS—Unmarked

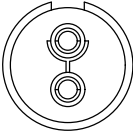
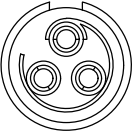
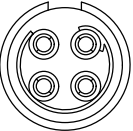
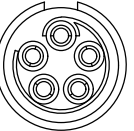
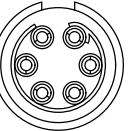
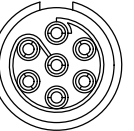
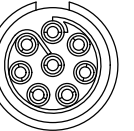
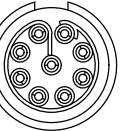
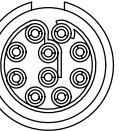
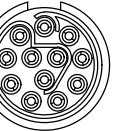
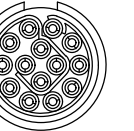
- ③ Contact Plating
2=High Gold
A=Gold flash

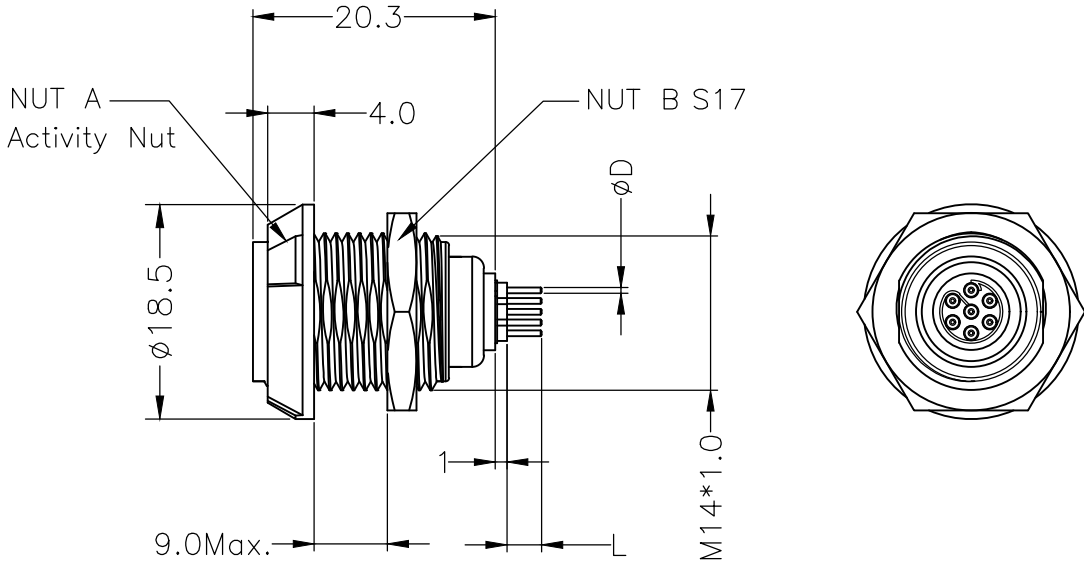
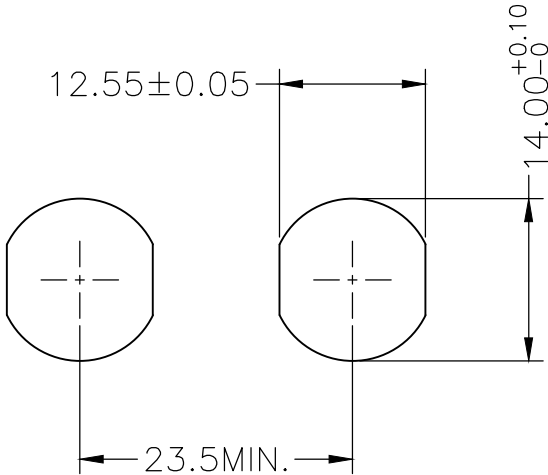
- ④ Number of contacts
02=2Pin
.....
14=14Pin

- 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
0= No Logo
1= With Logo

	2 PIN	3 PIN	4 PIN	5 PIN	6 PIN	7 PIN	8 PIN	9 PIN	10 PIN	12 PIN	14 PIN
											
L	5	5	5	5	3	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	0.5



PANEL HOLE

- NOTE:
- MATERIAL:
 - SHELL: THERMOPLASTIC,UL94V-0
 - INSERT: THERMOPLASTIC,UL94V-0
 - CENTER CONTACT : COPPER ALLOY, Au PLATING
 - NUT A : THERMOPLASTIC,UL94V-0
 - NUT B : COPPER ALLOY,Ni PLATING
 - NUMBER OF CONTACT : 2 TO 14 POSITION
 - RoHS DIRECTIVE COMPLIANCE

THIRD ANGLE PROJECTION		TOLERANCES UNLESS OTHERWISE SPECIFIED		<div></div> <div>Dongguan Circon Technology Co.,Ltd.</div>					
UNITS ☒ mm ☐ INCH				TITLE: 1P CIRCULAR CONNECTOR FIXED SOCKETS					
ANGLES 0 PLC ± 3 1 PLC ± 2									
		0 PLC ± 1.00 1 PLC ± 0.50 2 PLC ± 0.25 3 PLC ± 4 PLC ±		C	DRAWING NO. A-M-073		REV. A1		
CHECKED BY CHARLES		DATE 2025-7-30			PART NO. 1PX7XXXXX0DXX				
DRAWN BY ANDY		DATE 2025-7-30			SIZE: A3		SCALE: 1:1		SHEET: 1 OF 3

REV.	REVISION DESCRIPTION	ECR/ECN NO.	DATE
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8 7 6 5 4 3 2 1

D

C

B

A

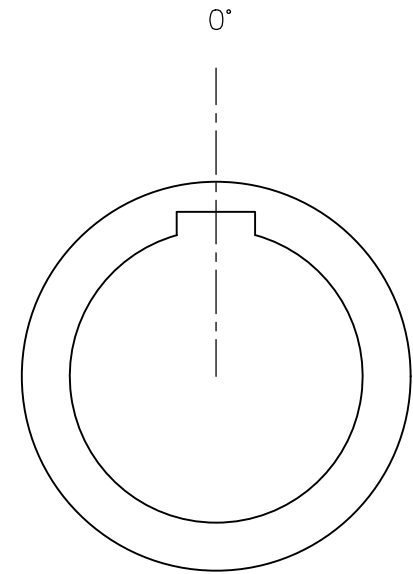
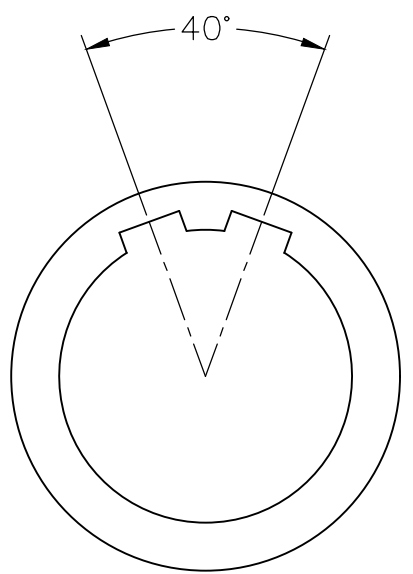
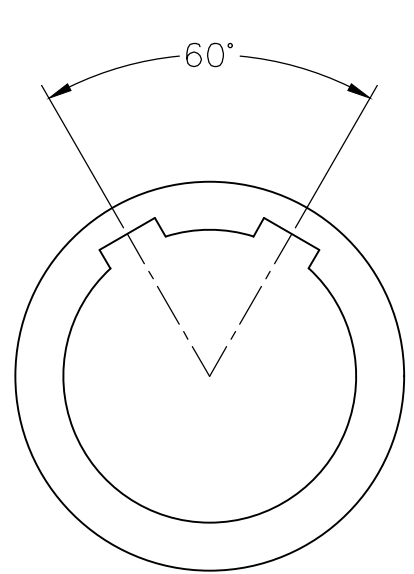
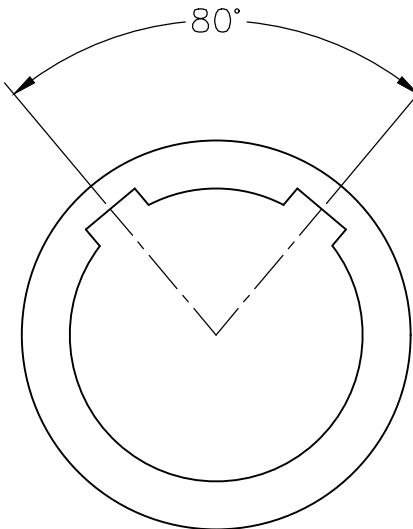
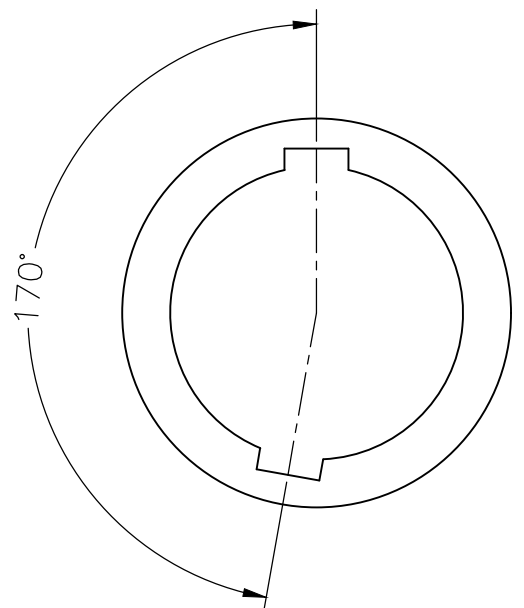
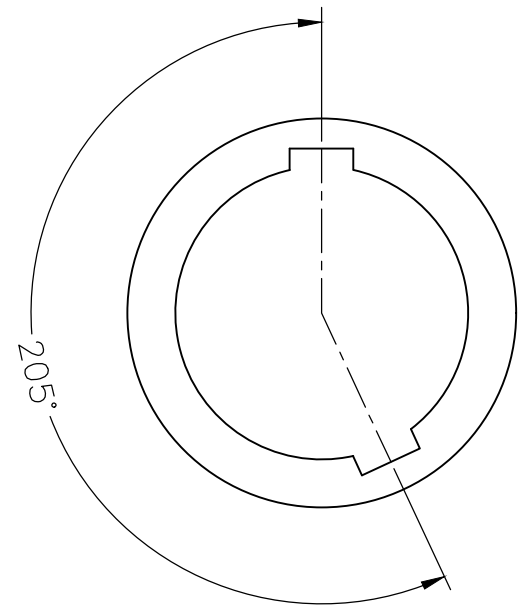
D

C

B

A

KEYING (RECEPTACLE FRONT VIEW):

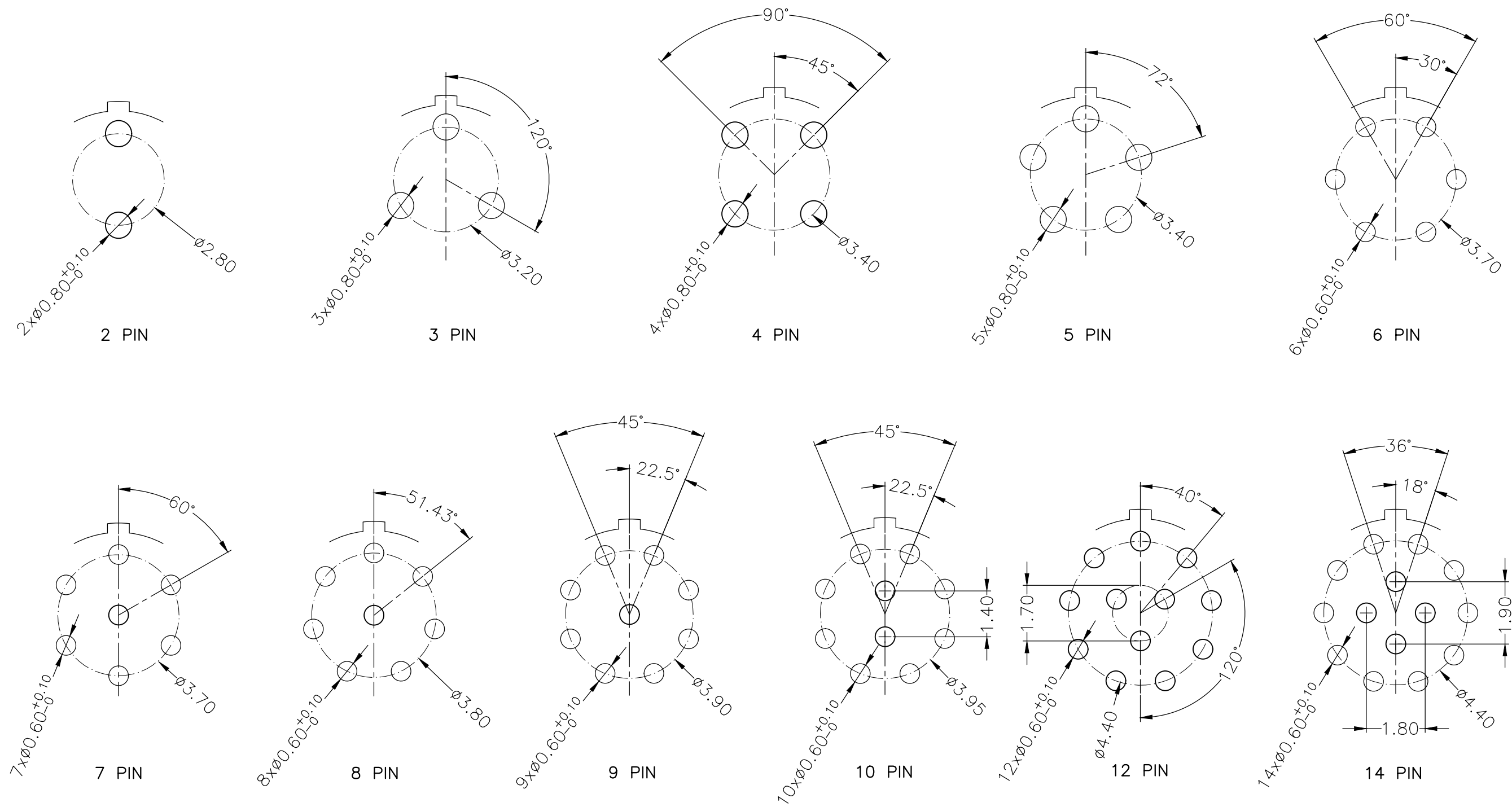


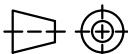
THIRD ANGLE PROJECTION 		TOLERANCES UNLESS OTHERWISE SPECIFIED		 Dongguan Circon Technology Co.,Ltd.			
UNITS ☒ mm ☐ INCH		0 PLC ± 1.00 1 PLC ± 0.50 2 PLC ± 0.25 3 PLC ± 4 PLC ±		TITLE: 1P CIRCULAR CONNECTOR FIXED SOCKETS			
ANGLES 0 PLC ± 3 1 PLC ± 2							
APPROVED BY	JACK	DATE	2025-7-30	C	DRAWING NO.	A-M-073	REV.
CHECKED BY	CHARLES	DATE	2025-7-30		PART NO.	1PXF7XXXXX0DXX	A1
DRAWN BY	ANDY	DATE	2025-7-30	SIZE: A3	SCALE: 1:1	SHEET: 2 OF 3	

REV.	REVISION DESCRIPTION	ECR/ECN NO.	DATE
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8 7 6 5 4 3 2 1

PCB LAYOUT:



THIRD ANGLE PROJECTION 		TOLERANCES UNLESS OTHERWISE SPECIFIED 0 PLC ± 1.00 1 PLC ± 0.50 2 PLC ± 0.25 3 PLC ± 4 PLC ±		 Dongguan Circon Technology Co.,Ltd.						
UNITS ☒ mm ☐ INCH				TITLE: 1P CIRCULAR CONNECTOR FIXED SOCKETS						
ANGLES 0 PLC ± 3 1 PLC ± 2		APPROVED BY	JACK	DATE	2025-7-30	C	DRAWING NO.	A-M-073	REV.	A1
		CHECKED BY	CHARLES	DATE	2025-7-30		PART NO.	1PXF7XXXXX0DXX		
DRAWN BY		ANDY	DATE	2025-7-30	SIZE: A3	SCALE: 1:1	SHEET: 3 OF 3			

REV.	REVISION DESCRIPTION	ECR/ECN NO.	DATE
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