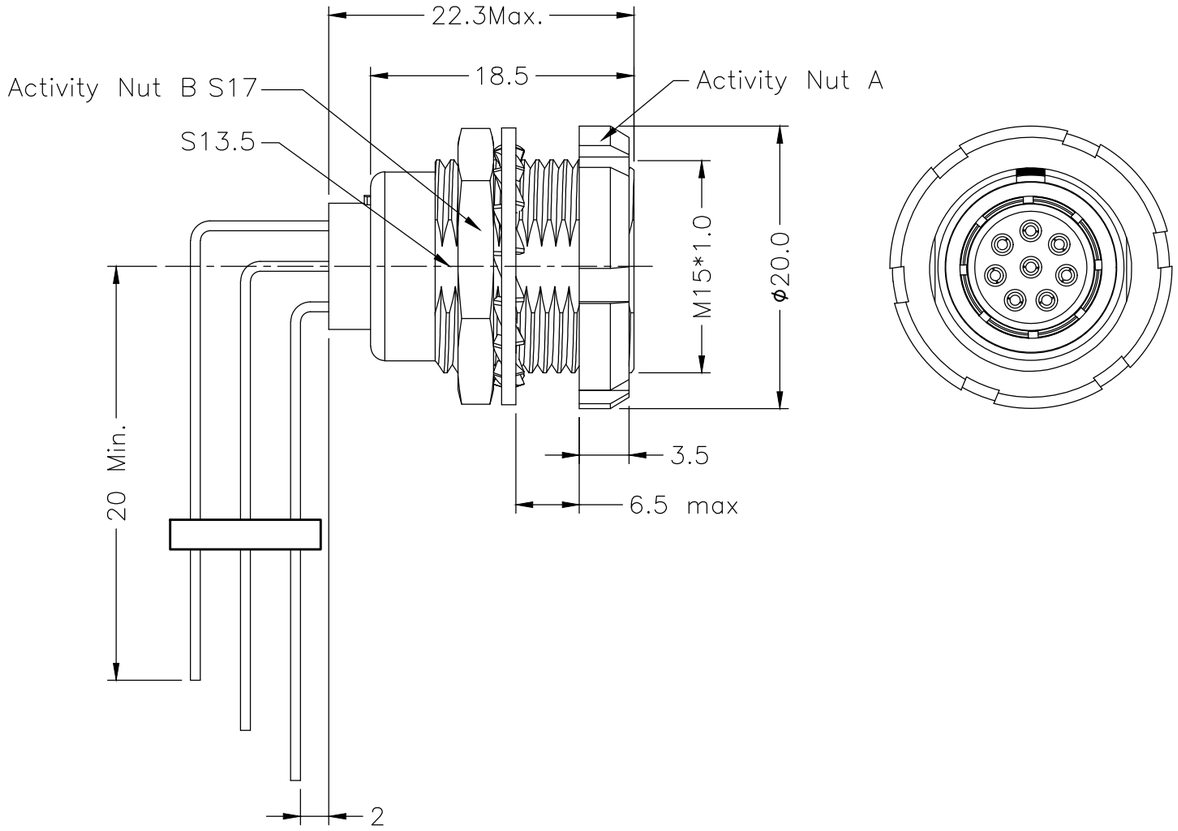


2B METAL CIRCULAR ASSEMBLY P/N DESCRIPTION :

2B A F5 X X XX X 00C
① ② ③ ④

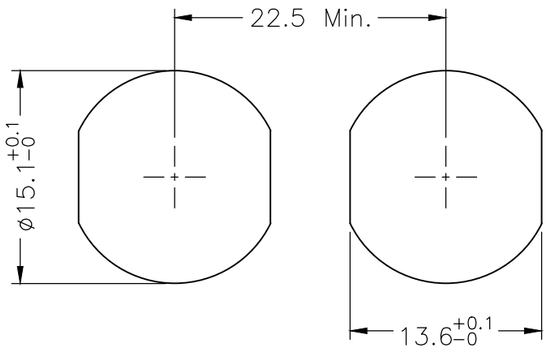
① Insert
P=PEEK
1=PPS

② Plating
2=High Gold
A=Gold flash

③ Number of contacts
02=2Pin
⋮
19=19Pin

④ Keying

G=0°	E=120°
A=30°	F=145°
B=45°	J=37.5°
C=60°	K=52.5°
D=95°	L=70°



PANEL CUT-OUT

NOTE:

1. MATERIAL:

1.1.SHELL ASSEMBLY: COPPER ALLOY,OUTER SHELL AND NUT A 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 19 POSITION

3.RoHS DIRECTIVE COMPLIANCE

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	2025-7-1
CHECKED BY	CHARLES	DATE	2025-7-1
DRAWN BY	ANDY	DATE	2025-7-1

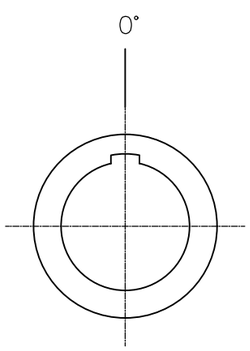
Dongguan Circon Technology Co.,Ltd.

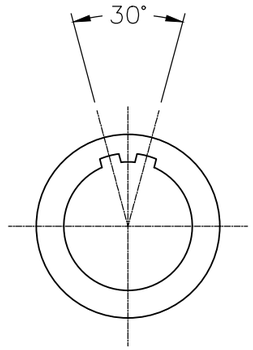
TITLE: 2B METAL CIRCULAR CONNECTOR 90° FIXED SOCKET

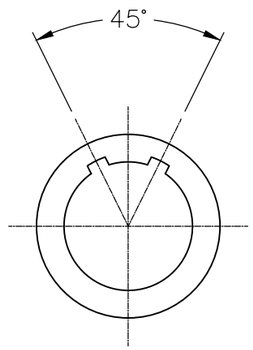
C	DRAWING NO.	A-M-678	REV. A0
	PART NO.	2BAF5XXXXX00C	
SIZE: A3	SCALE: 1:1	SHEET: 1 OF 4	

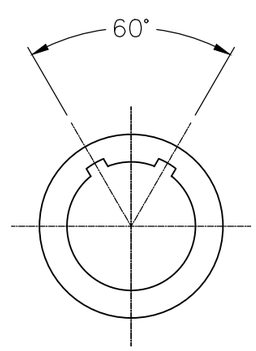
REV.	REVISION DESCRIPTION	ECR/ECN NO.	DATE

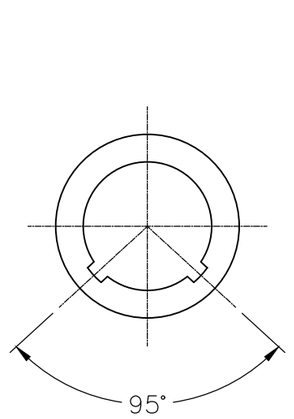
KEYING ANGLES (RECEPTACLE FRONT VIEW):

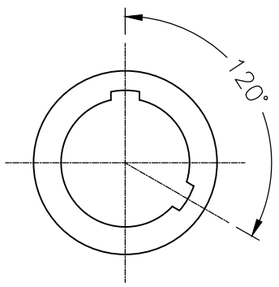


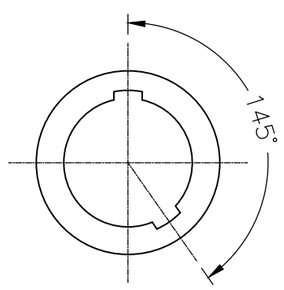


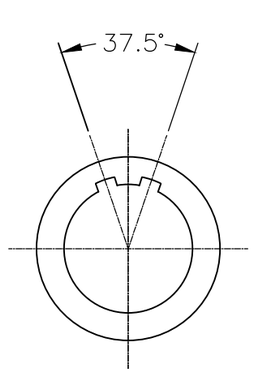


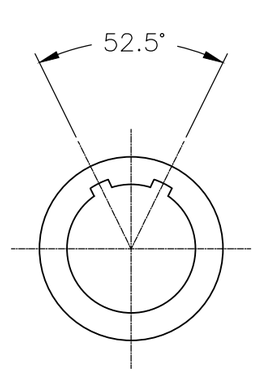


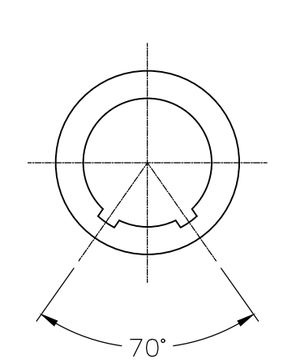












THIRD ANGLE PROJECTION		TOLERANCES UNLESS OTHERWISE SPECIFIED	
UNITS ■ mm □ INCH		0 PLC ± 1.00 1 PLC ± 0.50 2 PLC ± 0.25 3 PLC ± 4 PLC ±	
ANGLES 0 PLC ± 3 1 PLC ± 2			
APPROVED BY	JACK	DATE	2025-7-1
CHECKED BY	CHARLES	DATE	2025-7-1
DRAWN BY	ANDY	DATE	2025-7-1

Dongguan Circon Technology Co.,Ltd.

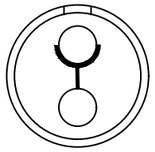
TITLE: 2B METAL CIRCULAR CONNECTOR 90° FIXED SOCKET

C	DRAWING NO.	A-M-678	REV. A0
	PART NO.	2BAF5XXXXX00C	
SIZE: A3	SCALE: 1:1	SHEET: 2 OF 4	

REV.	REVISION DESCRIPTION	ECR/ECN NO.	DATE

VIEW FROM TERMINATION SIDE PIN PART

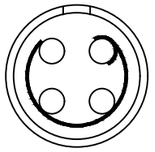
2 POS.



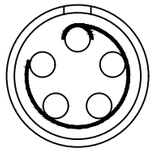
3 POS.



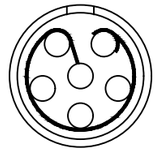
4 POS.



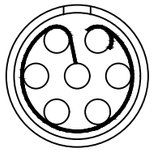
5 POS.



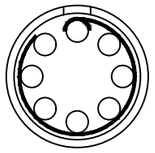
6 POS.



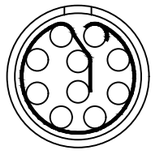
7 POS.



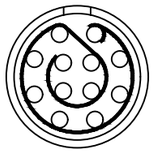
8 POS.



10 POS.



12 POS.



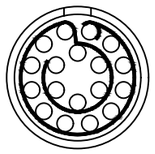
14 POS.



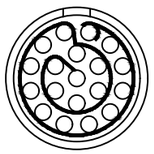
16 POS.



18 POS.



19 POS.



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	2025-7-1
CHECKED BY	CHARLES	DATE	2025-7-1
DRAWN BY	ANDY	DATE	2025-7-1

CIRCON®

Dongguan Circon Technology Co.,Ltd.

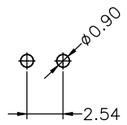
TITLE: 2B METAL CIRCULAR CONNECTOR 90° FIXED SOCKET

C	DRAWING NO.	A-M-678	REV. A0
	PART NO.	2BAF5XXXXX00C	
SIZE: A3	SCALE: 1:1	SHEET: 3 OF 4	

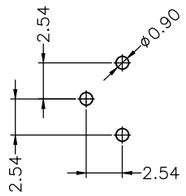
REV.	REVISION DESCRIPTION	ECR/ECN NO.	DATE

PCB DRILLING PATTERN / PCB HOLE TOLERANCES: $^{+0.1}_{-0}$

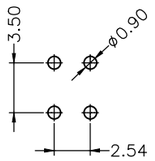
2 POS.



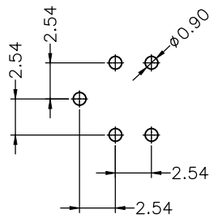
3 POS.



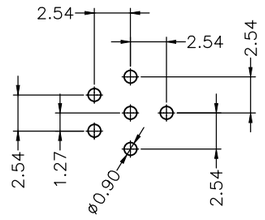
4 POS.



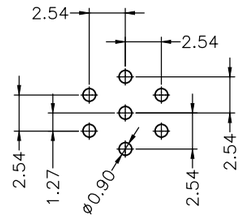
5 POS.



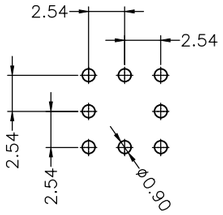
6 POS.



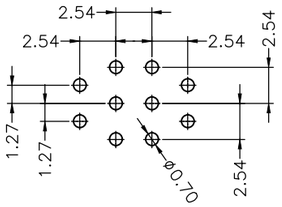
7 POS.



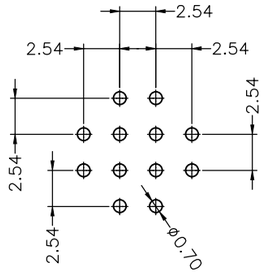
8 POS.



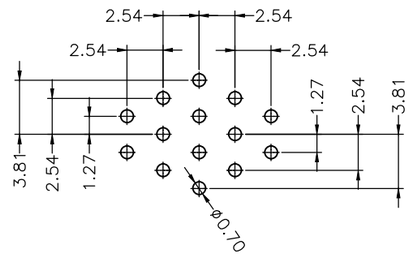
10 POS.



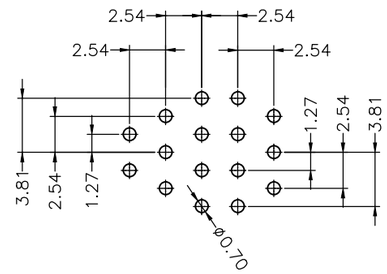
12 POS.



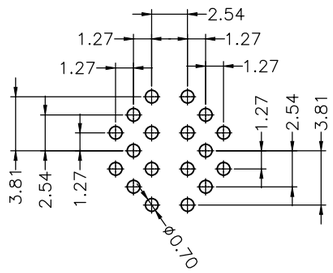
14 POS.



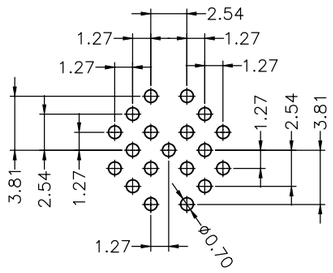
16 POS.



18 POS.



19 POS.



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	PART NO.	2BAF5XXXXX00C	
SIZE: A3	SCALE: 1:1	SHEET: 4 OF 4	

REV.	REVISION DESCRIPTION	ECR/ECN NO.	DATE