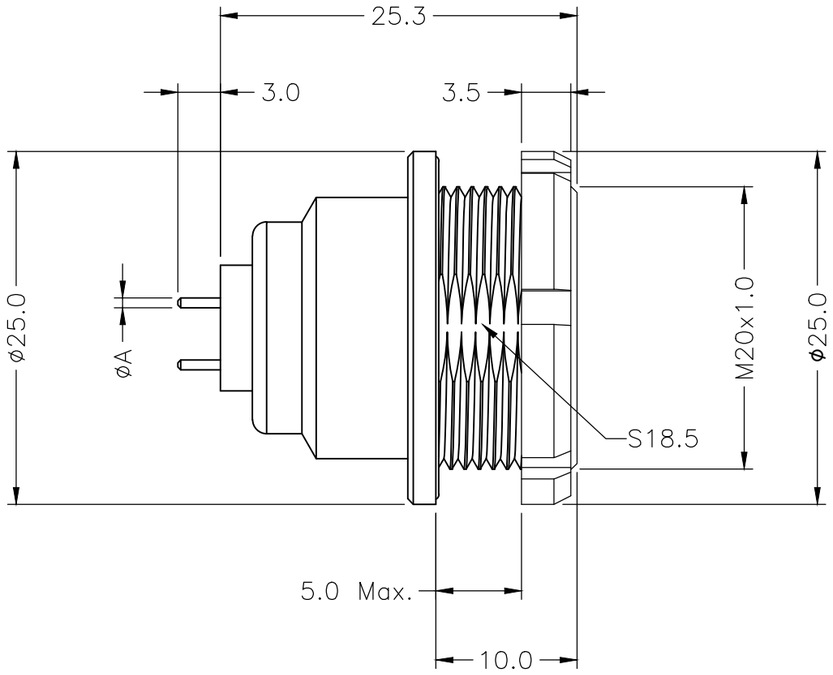
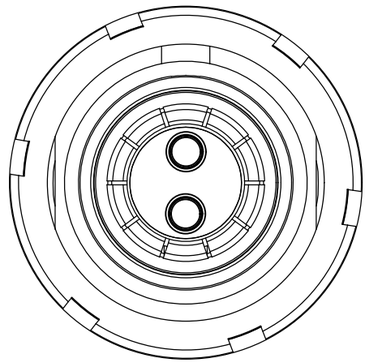




2K METAL CIRCULAR ASSEMBLY P/N DESCRIPTION :

2K A F9 X X XX X 00 C
① ② ③ ④

① Insert
P=PEEK
1=PPS

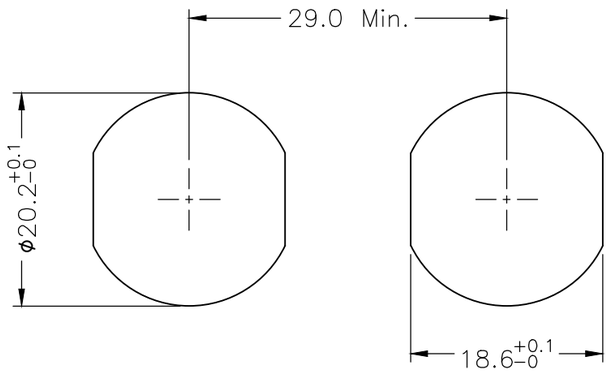
② Plating
2=High Gold
A=Gold flash

③ Number of contacts
02=2Pin
⋮
32=32Pin

④ Keying

G= 0°	D= 95°
A= 30°	E=120°
B= 45°	F=145°
C= 60°	L= 75°

Pin	øA
2~19Pin	0.70
26&32Pin	0.50



PANEL CUT–OUT

NOTE:

1. MATERIAL:

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

1.2.INSERT: THERMOPLASTIC,UL94V–0

1.3.CENTER CONTACT : COPPER ALLOY,Au PLATING

1.4.O–RING : ELASTOMER

2.NUMBER OF CONTACT : 2 TO 32 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	2020–10–23
CHECKED BY	CHARLES	DATE	2020–10–23
DRAWN BY	ANDY	DATE	2020–10–23

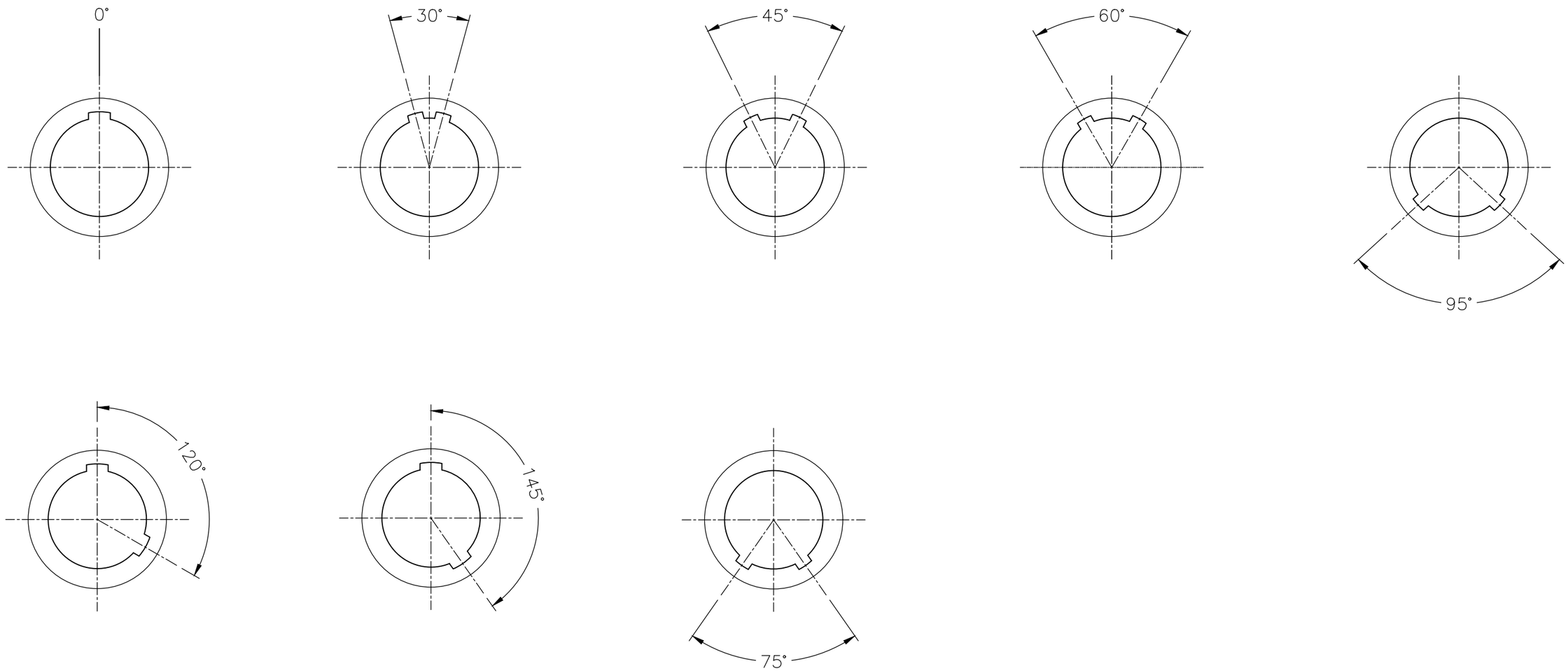
Dongguan Circon Technology Co.,Ltd.

TITLE: 2K METAL CIRCULAR CONNECTOR FIXED SOCKETS–PCB CONTACTS

C	DRAWING NO.	A–M–154	REV. A0
	PART NO.	2KAF9XXXXX00C	

SIZE: A3 | SCALE: 1:1 | SHEET: 1 OF 4

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	2020-10-23
CHECKED BY	CHARLES	DATE	2020-10-23
DRAWN BY	ANDY	DATE	2020-10-23

CIRCON®

Dongguan Circon Technology Co.,Ltd.

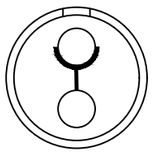
TITLE: 2K METAL CIRCULAR CONNECTOR FIXED SOCKETS-PCB CONTACTS

C	DRAWING NO.	A-M-154	REV. A0
	PART NO.	2KAF9XXXXX00C	
SIZE: A3	SCALE: 1:1	SHEET: 2 OF 4	

REV.	REVISION DESCRIPTION	ECR/ECN NO.	DATE

VIEW FROM TERMINATION SIDE PIN PART

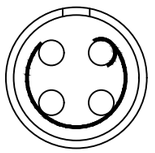
2 POS.



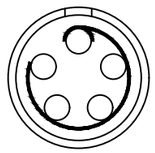
3 POS.



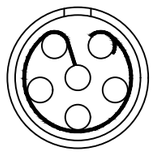
4 POS.



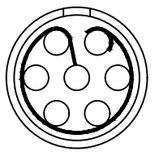
5 POS.



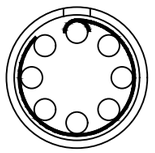
6 POS.



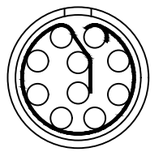
7 POS.



8 POS.



10 POS.



12 POS.



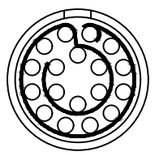
14 POS.



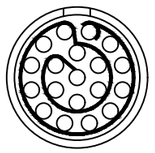
16 POS.



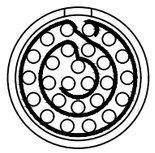
18 POS.



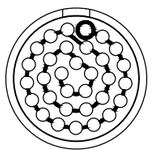
19 POS.



26 POS.



32 POS.



REV.	REVISION DESCRIPTION	ECR/ECN NO.	DATE	DRAWN BY	ANDY	DATE	2020-10-23

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	2020-10-23
CHECKED BY	CHARLES	DATE	2020-10-23

CIRCON®

Dongguan Circon Technology Co.,Ltd.

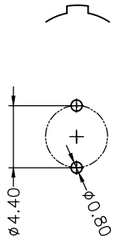
TITLE: 2K METAL CIRCULAR CONNECTOR
FIXED SOCKETS-PCB CONTACTS

C	DRAWING NO.	A-M-154	REV. A0
	PART NO.	2KAF9XXXXX00C	

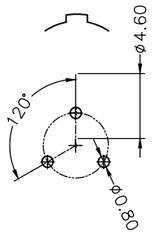
SIZE: A3 | SCALE: 1:1 | SHEET: 3 OF 4

PCB DRILLING PATTERN:

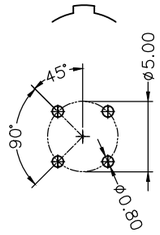
2 POS.



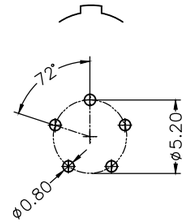
3 POS.



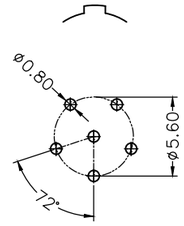
4 POS.



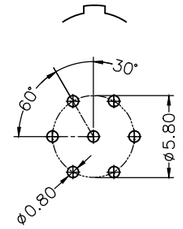
5 POS.



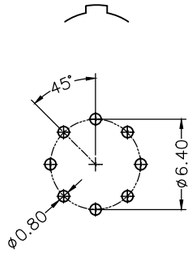
6 POS.



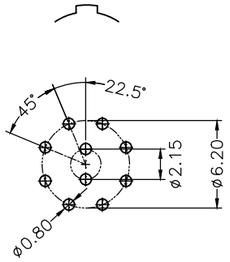
7 POS.



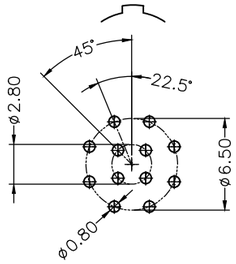
8 POS.



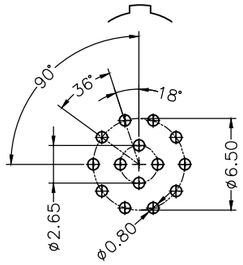
10 POS.



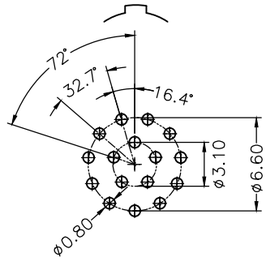
12 POS.



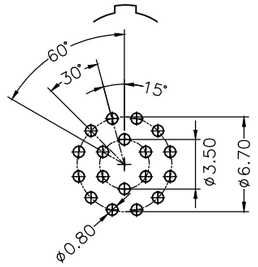
14 POS.



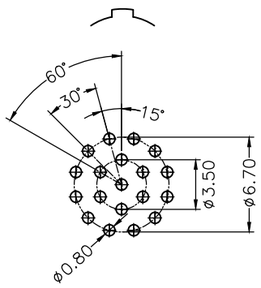
16 POS.



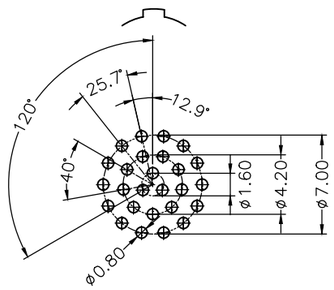
18 POS.



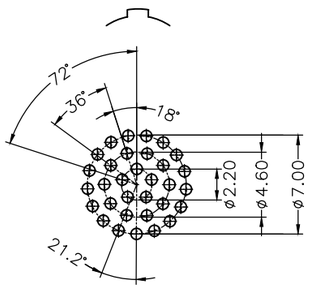
19 POS.



26 POS.



32 POS.



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: 2K METAL CIRCULAR CONNECTOR FIXED SOCKETS–PCB CONTACTS			
ANGLES 0 PLC ± 3 1 PLC ± 2				C	DRAWING NO.	A–M–154	REV. A0
APPROVED BY	JACK	DATE	2020–10–23		PART NO.	2KAF9XXXXX00C	
CHECKED BY	CHARLES	DATE	2020–10–23				
DRAWN BY	ANDY	DATE	2020–10–23	SIZE: A3	SCALE: 1:1	SHEET: 4 OF 4	

REV.	REVISION DESCRIPTION	ECR/ECN NO.	DATE