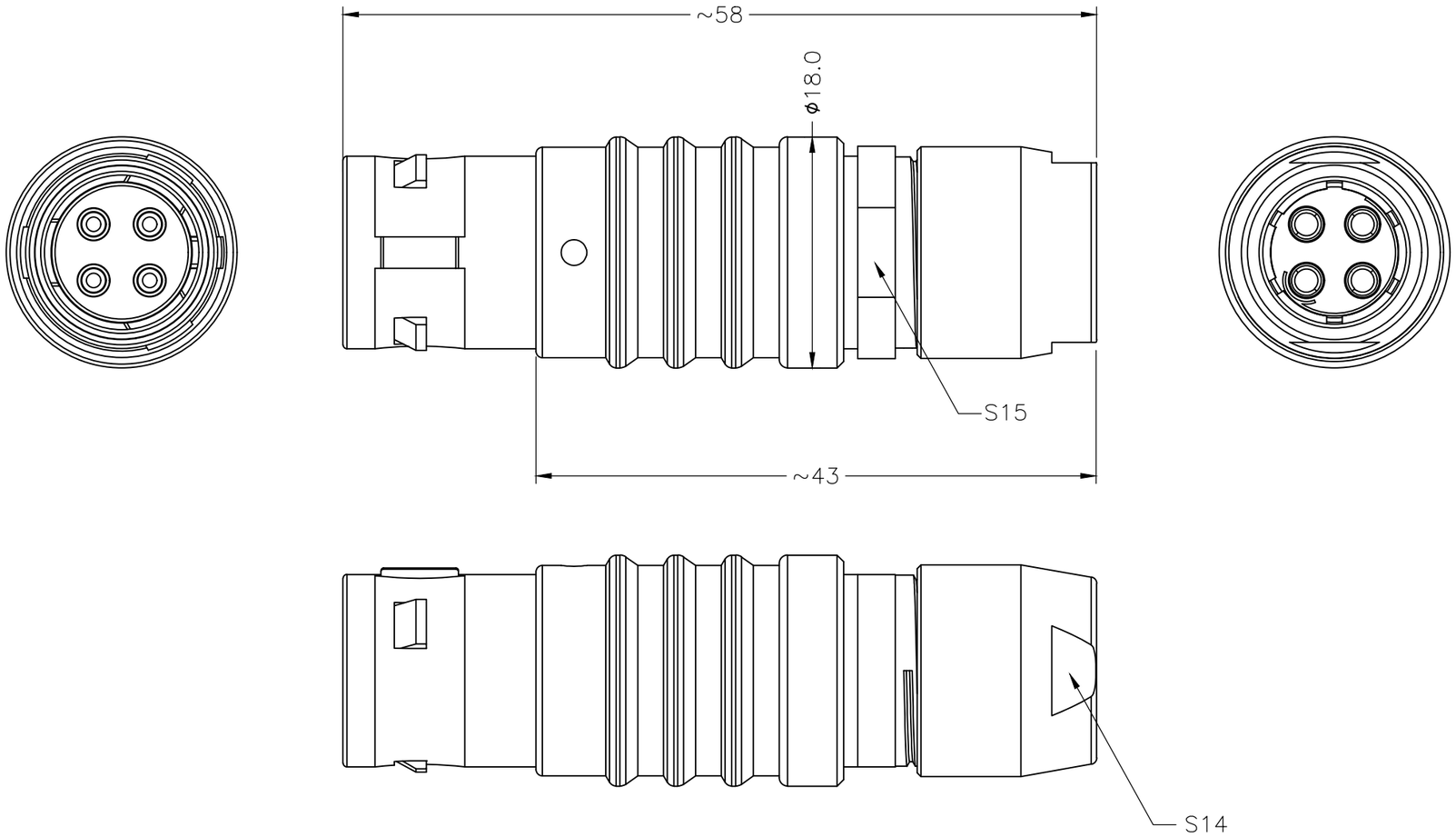


3B METAL CIRCULAR ASSEMBLY P/N DESCRIPTION :

3B A M1 X X XX X XX A
① ② ③ ④ ⑤

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

⑤ Cable collet

52=5.2mm (Cableø4.2~5.2mm)
62=6.2mm (Cableø4.9~6.2mm)
77=7.7mm (Cableø6.2~7.7mm)
92=9.2mm (Cableø7.7~9.2mm)
10=10.2mm (Cableø9.2~10.0mm)
11=11.0mm (Cableø10.1~11.0mm)
12=12.0mm (Cableø10.8~11.9mm)

NOTE:

1. MATERIAL:

1.1.SHELL ASSEMBLY: COPPER ALLOY,OUTER SHELL AND COLLET NUT 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 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	2023-7-28
CHECKED BY	CHARLES	DATE	2023-7-28
DRAWN BY	ANDY	DATE	2023-7-28

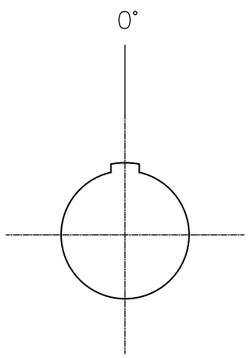
CIRCON®
Dongguan Circon Technology Co.,Ltd.

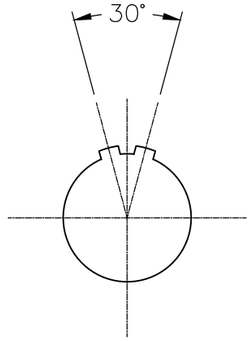
TITLE: 3B METAL CIRCULAR CONNECTOR STRAIGHT PLUGS

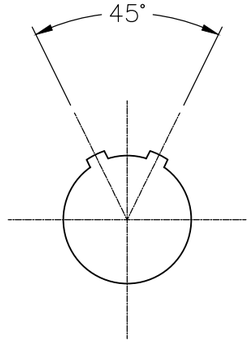
C	DRAWING NO.	A-M-205	REV. A0
	PART NO.	3BAM1XXXXXXXA	

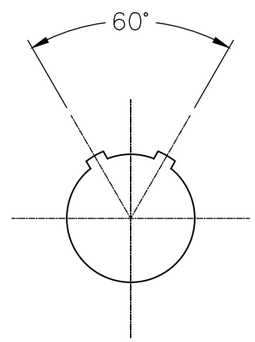
SIZE: A3 | SCALE: 1:1 | SHEET: 1 OF 3

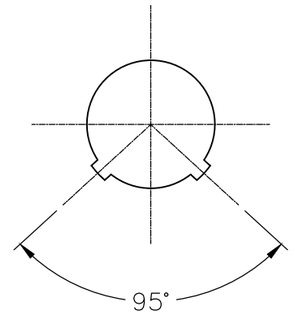
KEYING (PLUG FRONT VIEW):

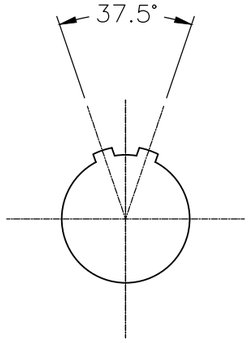


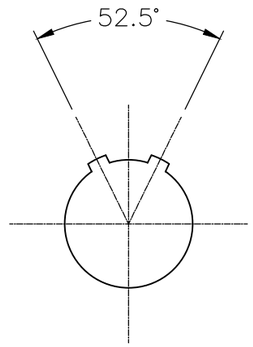


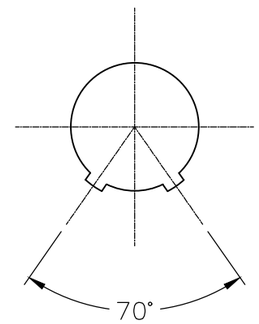












THIRD ANGLE PROJECTION		TOLERANCES UNLESS OTHERWISE SPECIFIED	
UNITS ■ mm □ INCH		0 PLC ± 1.00 1 PLC ± 0.50 2 PLC ± 0.25 3 PLC ± 4 PLC ±	
ANGLES 0 PLC ± 3 1 PLC ± 2			
APPROVED BY	JACK	DATE	2023-7-28
CHECKED BY	CHARLES	DATE	2023-7-28
DRAWN BY	ANDY	DATE	2023-7-28

Dongguan Circon Technology Co.,Ltd.

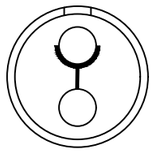
TITLE: 3B METAL CIRCULAR CONNECTOR STRAIGHT PLUGS

C	DRAWING NO.	A-M-253	REV. A0
	PART NO.	3BAM1XXXXXXXA	
SIZE: A3	SCALE: 1:1	SHEET: 2 OF 3	

REV.	REVISION DESCRIPTION	ECR/ECN NO.	DATE

VIEW FROM TERMINATION SIDE PIN PART

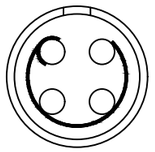
2 POS.



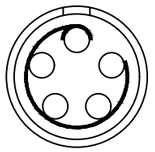
3 POS.



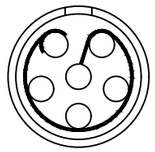
4 POS.



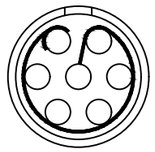
5 POS.



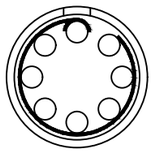
6 POS.



7 POS.



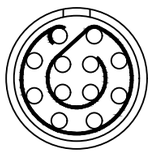
8 POS.



10 POS.



12 POS.



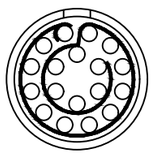
14 POS.



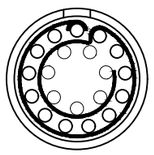
16 POS.



18 POS.



20 POS.



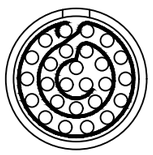
22 POS.



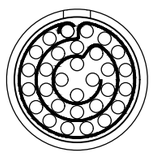
24 POS.



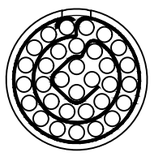
26 POS.



30 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: 3B METAL CIRCULAR CONNECTOR STRAIGHT PLUGS			
ANGLES 0 PLC ± 3 1 PLC ± 2				C	DRAWING NO.	A–M–205	REV. A0
APPROVED BY	JACK	DATE	2023–7–28		PART NO.	3BAM1XXXXXXXA	
CHECKED BY	CHARLES	DATE	2023–7–28				
DRAWN BY	ANDY	DATE	2023–7–28	SIZE: A3	SCALE: 1:1	SHEET: 3 OF 3	

REV.	REVISION DESCRIPTION	ECR/ECN NO.	DATE