

1B METAL CIRCULAR ASSEMBLY P/N DESCRIPTION :

1B A M1 X X XX X XX B  
 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  
 .....  
 16=16Pin
- ④ Keying  
 G= 0°      E= 145°  
 A= 30°      F= 155°  
 B= 60°      J= 45°  
 C= 90°      K= 70°  
 D= 135°     L= 80°

- ⑤ Cable collet  
 27=2.7mm (Cable $\phi$ 2.2~2.7mm)  
 31=3.1mm (Cable $\phi$ 2.7~3.1mm)  
 42=4.2mm (Cable $\phi$ 3.2~4.2mm)  
 52=5.2mm (Cable $\phi$ 4.2~5.2mm)  
 62=6.2mm (Cable $\phi$ 5.2~6.2mm)  
 72=7.2mm (Cable $\phi$ 6.2~7.2mm)  
 76=7.6mm (Cable $\phi$ 7.2~7.6mm)

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 16 POSITION  
 3.RoHS DIRECTIVE COMPLIANCE

|  |                                       |
|--|---------------------------------------|
| THIRD ANGLE PROJECTION<br>   | TOLERANCES UNLESS OTHERWISE SPECIFIED |
| UNITS <input checked="" type="checkbox"/> mm <input type="checkbox"/> INCH | 0 PLC $\pm$ 1.00                      |
| ANGLES 0 PLC $\pm$ 3   | 1 PLC $\pm$ 0.50                      |
| 1 PLC $\pm$ 2  | 2 PLC $\pm$ 0.25                      |
|  | 3 PLC $\pm$                           |
|  | 4 PLC $\pm$                           |

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**Dongguan Circon Technology Co.,Ltd.**

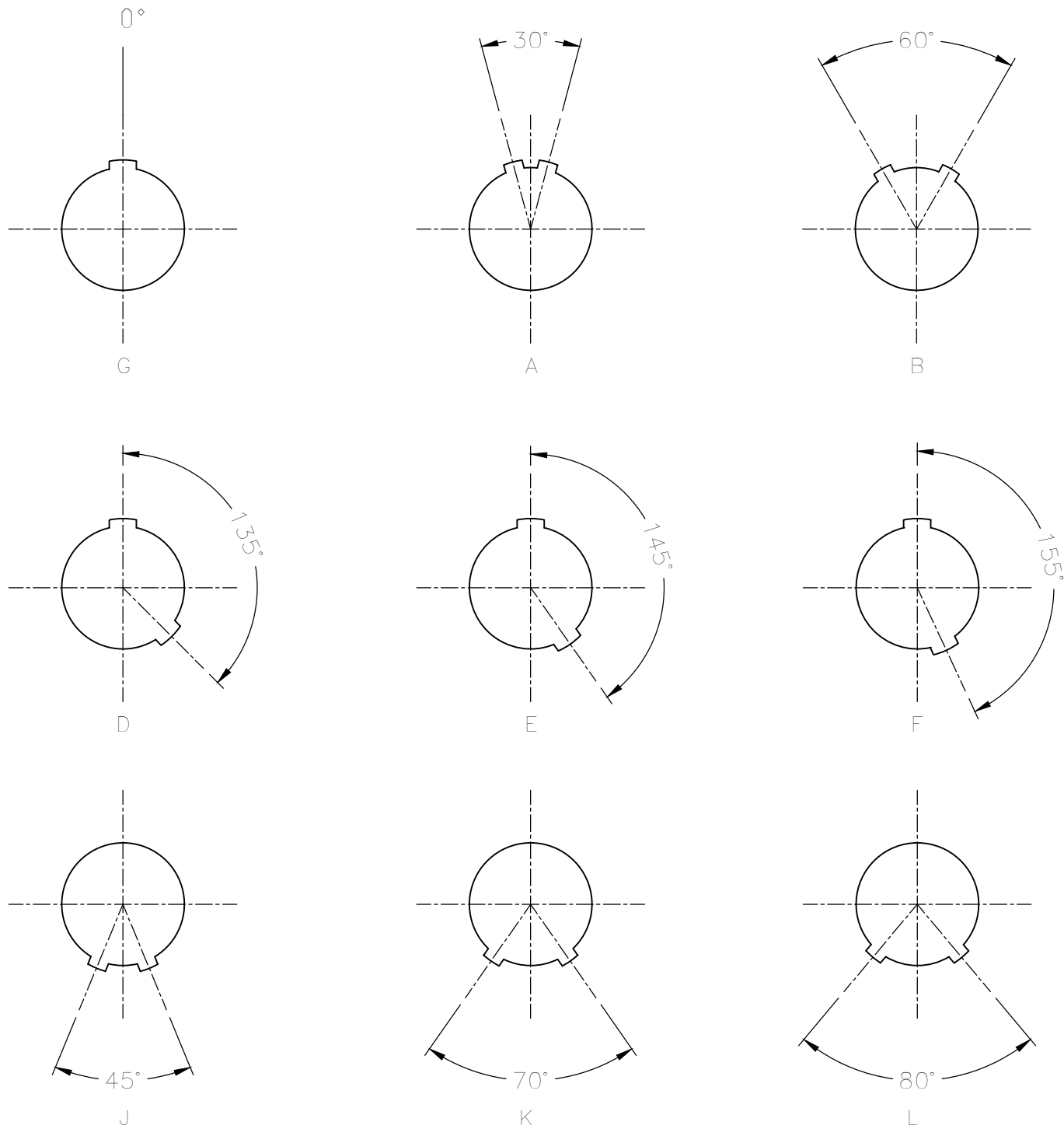
TITLE: 1B METAL CIRCULAR CONNECTOR STRAIGHT PLUGS

|             |         |      |           |
|-------------|---------|------|-----------|
| APPROVED BY | JACK    | DATE | 2017-9-28 |
| CHECKED BY  | CHARLES | DATE | 2017-9-28 |

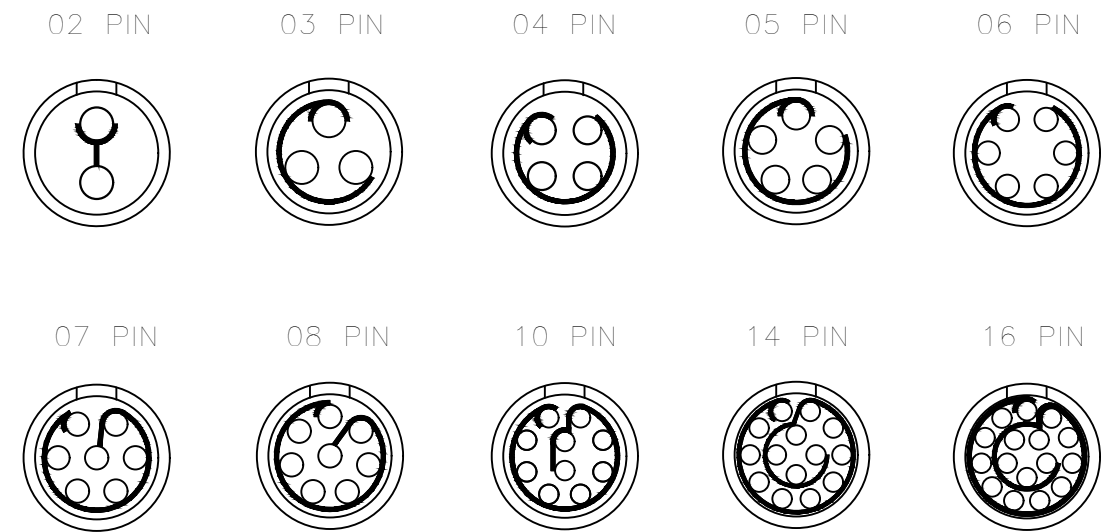
|   |             |              |      |    |
|---|-------------|--------------|------|----|
| C | DRAWING NO. | A-M-021      | REV. | A0 |
|   | PART NO.    | 1BAM1XXXXXXB |      |    |

|      |                      |             |      |          |      |      |           |          |            |               |
|------|----------------------|-------------|------|----------|------|------|-----------|----------|------------|---------------|
| REV. | REVISION DESCRIPTION | ECR/ECN NO. | DATE | DRAWN BY | ANDY | DATE | 2017-9-28 | SIZE: A3 | SCALE: 1:1 | SHEET: 1 OF 2 |
|------|----------------------|-------------|------|----------|------|------|-----------|----------|------------|---------------|

KEYING (PLUG FRONT VIEW):



VIEW FROM TERMINATION SIDE PIN PART



|  |                      |  |         |  |           |      |   |              |            |               |
|--|----------------------|--|---------|--|-----------|------|---|--------------|------------|---------------|
| THIRD ANGLE PROJECTION<br>   |                      | TOLERANCES UNLESS OTHERWISE SPECIFIED                              |         | <br><b>Dongguan Circon Technology Co.,Ltd.</b> |           |      |   |              |            |               |
| UNITS <input checked="" type="checkbox"/> mm <input type="checkbox"/> INCH |                      | 0 PLC ± 1.00<br>1 PLC ± 0.50<br>2 PLC ± 0.25<br>3 PLC ±<br>4 PLC ± |         |  |           |      | TITLE: 1B METAL CIRCULAR CONNECTOR STRAIGHT PLUGS |              |            |               |
| ANGLES 0 PLC ± 3<br>1 PLC ± 2  |                      | APPROVED BY  | JACK    | DATE   | 2017-9-28 | C    | DRAWING NO.                                       | A-M-021      | REV.       | A0            |
|  |                      | CHECKED BY   | CHARLES | DATE   | 2017-9-28 |      | PART NO.  | 1BAM1XXXXXXB |            |               |
| REV.   | REVISION DESCRIPTION | ECR/ECN NO.  | DATE    | DRAWN BY                                       | ANDY      | DATE | 2017-9-28   | SIZE: A3     | SCALE: 1:1 | SHEET: 2 OF 2 |