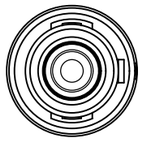
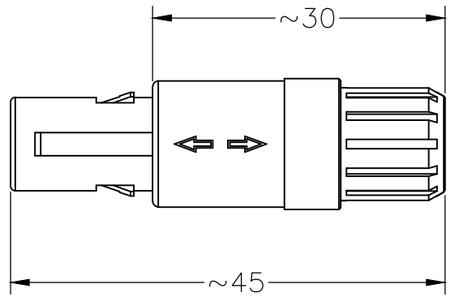
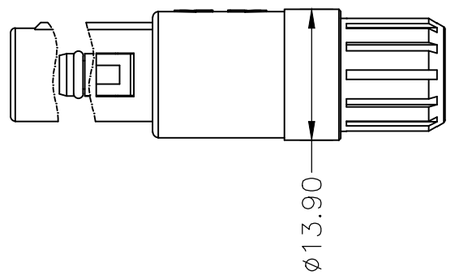





P/N:1PXM226X6AX

NOTES :

1.MATERIAL

ⓐ OUTER SHELL : HIGH TEMPERATURE PLASTIC,UL94V-0

ⓑ FLUID CONTACT : COPPER ALLOY,NICKEL PLATED

ⓒ O-RING : FPM

ⓓ CABLE COLLET : HIGH TEMPERATURE PLASTIC,UL94V-0

ⓔ BACK NUT : HIGH TEMPERATURE PLASTIC,UL94V-0

2.ALL DIMENSIONS ARE IN MILLIMETERS

3.RoHS DIRECTIVE COMPLIANCE

4.CHARACTERISTICS

4.1.MAX WORKING PRESSURE : 2 bars

4.2.WORKING TEMPERATURE : -20~150°C

4.3.TUBE DIAMETER INNER/OUTER : 4mm/6mm

1P CIRCULAR ASSEMBLY P/N DESCRIPTION :

| 1P | X | M2 | 26 | X | 6 | A | X |
|---|---|---|---|---|---|---|---|
| | ① | | ② | ③ | ④ | ⑤ | ⑥ |

① Type

A=Shell:PSU Grey
B=Shell:PSU Black
C=Shell:PEI Grey
D=Shell:PEI Black
E=Shell:PPSU Grey
F=Shell:PPSU Black

② Inner fluid contact diameter

26= 2.6mm

③ Keying

G= 0° H= 170°
A= 40° J= 205°
B= 60°
C= 80°

④ Cable collet

6= ø6.5mm (Cableø=5.3~6.5mm)

⑤ Nut

A=Standard type(Colour)

⑥ Nut Colour

0= Black 5= Green
1= White 6= Blue
2= Red 8= Grey
4= Yellow

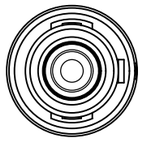
| REV. | REVISION DESCRIPTION | ECR/ECN NO. | DATE |
|---|---|---|---|
| B1 | Change fo P/N | ECR18006 | 2018-3-1 |

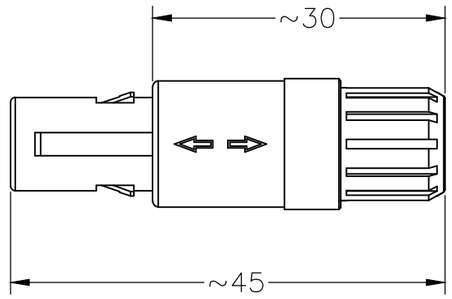
| | | | |
|---|---|---|---|
| THIRD ANGLE PROJECTION | | TOLERANCES UNLESS OTHERWISE SPECIFIED | |
| UNITS ■ mm □ INCH | | 0 PLC ± 1.00<br>1 PLC ± 0.50<br>2 PLC ± 0.25<br>3 PLC ±<br>4 PLC ± | |
| ANGLES 0 PLC ± 3<br>1 PLC ± 2 | | | |
| APPROVED BY | JACK | DATE | 2018-3-2 |
| CHECKED BY | CHARLES | DATE | 2018-3-2 |
| DRAWN BY | ANDY | DATE | 2018-3-2 |

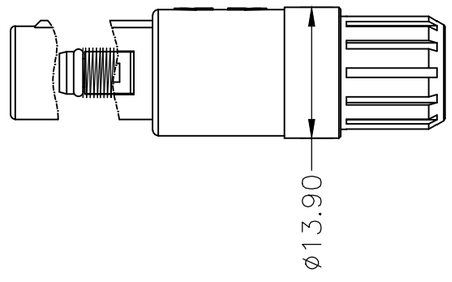
Dongguan Circon Technology Co.,Ltd.

TITLE: 1P CIRCULAR CONNECTOR STRAIGHT PLUGS WITH FLUID CONTACT

| | | | |
|---|---|---|---|
| C | DRAWING NO. | A-M-012 | REV. B1 |
| | PART NO. | 1PXM226X6AX | |
| SIZE: A3 | SCALE: 1:1 | SHEET: 1 OF 3 | |






P/N:1PXM22AX6AX

NOTES :

1.MATERIAL

ⓐ OUTER SHELL : HIGH TEMPERATURE PLASTIC,UL94V-0

ⓑ FLUID CONTACT : COPPER ALLOY,NICKEL PLATED

ⓒ O-RING : FPM

ⓓ CABLE COLLET : HIGH TEMPERATURE PLASTIC,UL94V-0

ⓔ BACK NUT : HIGH TEMPERATURE PLASTIC,UL94V-0

ⓕ SPRING : SPRING STEEL

2.ALL DIMENSIONS ARE IN MILLIMETERS

3.RoHS DIRECTIVE COMPLIANCE

4.CHARACTERISTICS

4.1.MAX WORKING PRESSURE : 2 bars

4.2.WORKING TEMPERATURE : -20~150°C

4.3.TUBE DIAMETER INNER/OUTER : 4mm/6mm

1P CIRCULAR ASSEMBLY P/N DESCRIPTION :

| 1P | X | M2 | 2A | X | 6 | A | X |
|---|---|---|---|---|---|---|---|
| | ① | | ② | ③ | ④ | ⑤ | ⑥ |

① Type

A=Shell:PSU Grey
B=Shell:PSU Black
C=Shell:PEI Grey
D=Shell:PEI Black
E=Shell:PPSU Grey
F=Shell:PPSU Black

② Inner fluid contact diameter

2A= ø2.6mm+spring

③ Keying

G= 0° H= 170°
A= 40° J= 205°
B= 60°
C= 80°

④ Cable collet

6= ø6.5mm (Cableø=5.3~6.5mm)

⑤ Nut

A=Standard type(Colour)

⑥ Nut Colour

0= Black 5= Green
1= White 6= Blue
2= Red 8= Grey
4= Yellow

| REV. | REVISION DESCRIPTION | ECR/ECN NO. | DATE |
|---|---|---|---|
| B1 | Change fo P/N | ECR18006 | 2018-3-1 |

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 | 2018-3-2 |
| CHECKED BY | CHARLES | DATE | 2018-3-2 |
| DRAWN BY | ANDY | DATE | 2018-3-2 |

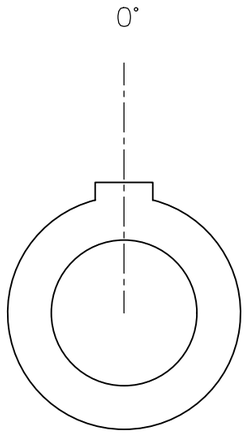
Dongguan Circon Technology Co.,Ltd.

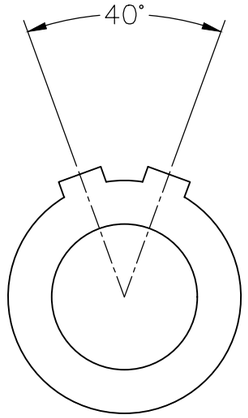
TITLE: 1P CIRCULAR CONNECTOR
STRAIGHT PLUGS WITH FLUID CONTACT

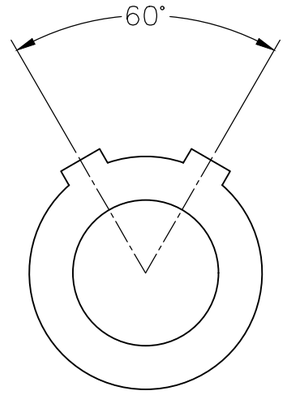
| | | | |
|---|---|---|---|
| C | DRAWING NO. | A-M-012 | REV. B1 |
| | PART NO. | 1PXM22AX6AX | |

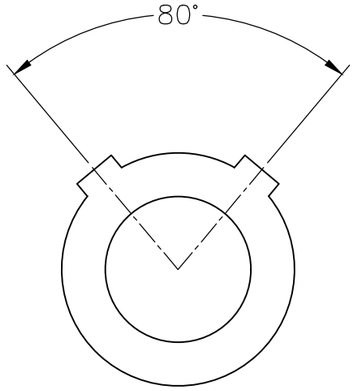
SIZE: A3 SCALE: 1:1 SHEET: 2 OF 3

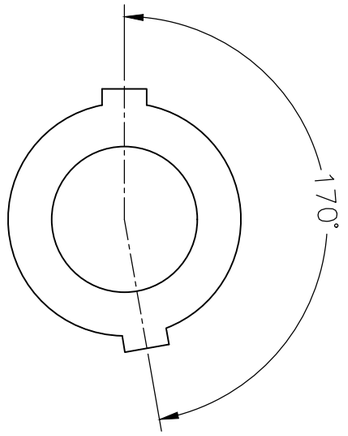
KEYING (PLUG FRONT VIEW):

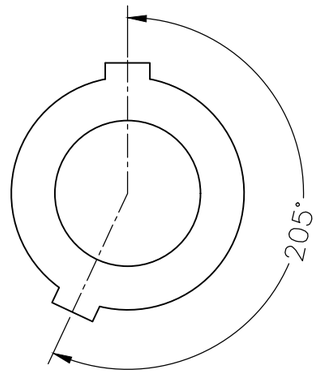



| | | | | | | | | | |
|---|---|---|---|---|---|---|---|---|---|
| THIRD ANGLE PROJECTION | | TOLERANCES UNLESS OTHERWISE SPECIFIED | | Dongguan Circon Technology Co.,Ltd. | | | | | |
| UNITS ■ mm □ INCH | | 0 PLC ± 1.00<br>1 PLC ± 0.50<br>2 PLC ± 0.25<br>3 PLC ±<br>4 PLC ± | | TITLE: 1P CIRCULAR CONNECTOR STRAIGHT PLUGS WITH FLUID CONTACT | | | | | |
| ANGLES 0 PLC ± 3<br>1 PLC ± 2 | | | | | | | | | |
| | | APPROVED BY | JACK | DATE | 2018-3-2 | C | DRAWING NO. | A-M-012 | REV. B1 |
| | | CHECKED BY | CHARLES | DATE | 2018-3-2 | | PART NO. | 1PXM22XX6AX | |
| | | DRAWN BY | ANDY | DATE | 2018-3-2 | SIZE: A3 | SCALE: 1:1 | SHEET: 3 OF 3 | |

| REV. | REVISION DESCRIPTION | ECR/ECN NO. | DATE |
|---|---|---|---|
| B1 | Change fo P/N | ECR18006 | 2018-3-1 |