

1 2 3 4 5 6 7 8

| REV | LOCATIONS | DESCRIPTION | DATE | REVISER | APPD |
|-----|-----------|-------------|------|---------|------|
|     |           |             |      |         |      |

A

B

C

D

E

F

A

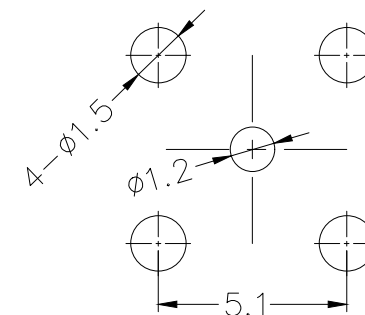
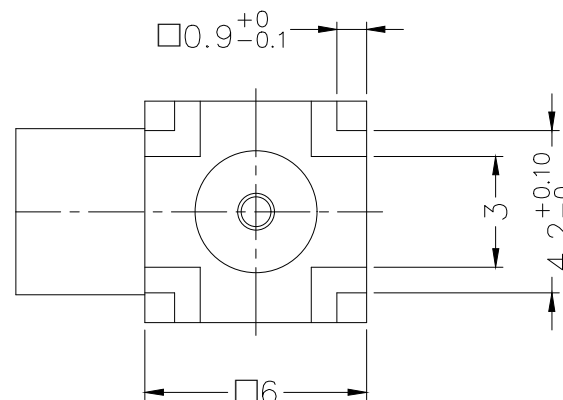
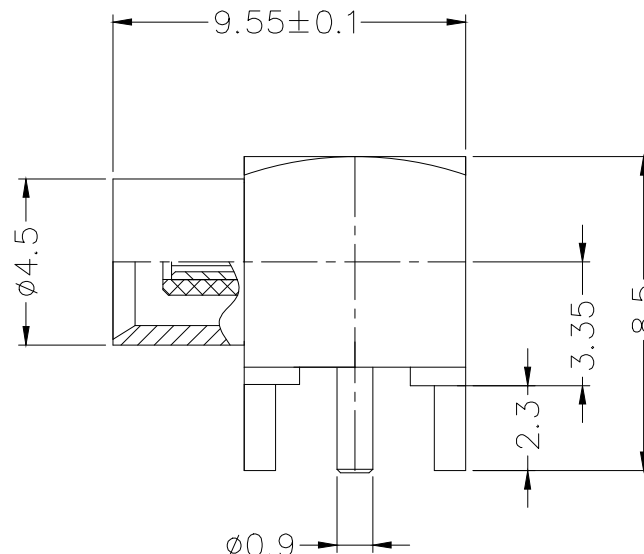
B

C

D

E

F



Recommended P.C.Board Layout

## SPECIFICATION

### Technical Parameters

Temperature range:  $-40\sim+125^{\circ}\text{C}$ ;  
 Characteristic impedance:  $50\Omega$ ;  
 Frequency range: DC~6GHz;  
 Voltage Rating: 335V rms;  
 Dielectric withstanding voltage: 750V rms;  
 Insulation resistance:  $\geq 1000\text{M}\Omega$ ;  
 VSWR:  $\leq 1.25$ (DC~6GHz)  
 Inner Conductor Contact Resistance:  $5\text{m}\Omega$  MAX;  
 Outer Conductor Contact Resistance:  $2.5\text{m}\Omega$  MAX;

### Mechanical

Durability: 500 cycles

### Material and Plating

Insulators: PTFE(UL 94V-0), White  
 Contact: Phosphor Bronze,  $1\mu$ " Gold plated  
 Body: Brass,  $1\mu$ " Gold plated

|                                                                                                                                       |            |                                          |              |                   |                   |                                                                                                                                                       |                    |                                                                                                                                            |  |
|---------------------------------------------------------------------------------------------------------------------------------------|------------|------------------------------------------|--------------|-------------------|-------------------|-------------------------------------------------------------------------------------------------------------------------------------------------------|--------------------|--------------------------------------------------------------------------------------------------------------------------------------------|--|
| <div></div> <div>THIRD ANGLE<br/>PROJECTION</div> |            | GENERAL TOLERANCES<br>(UNLESS SPECIFIED) |              | APPROVE BY<br>LEO | DATE<br>04/JAN/22 | PART NO.<br>F00MCX-J50S0BHD-02                                                                                                                        | ITEM NO.<br>F00MCX | <div></div> <div>Building Technology Cornerston</div> |  |
|                                                                                                                                       |            | X. ±0.30                                 | X.' ±5°      | CHECKED BY        | DATE              | TITLE<br>MCX Jack 90° Angle<br>PCB Through Hole                                                                                                       |                    |                                                                                                                                            |  |
| DESIGN UNITS<br>mm                                                                                                                    |            | X.X ±0.20                                | X.X' ±2°     | GISELLE           | 04/JAN/22         |                                                                                                                                                       |                    | REV 0                                                                                                                                      |  |
| SCALE<br>5:1                                                                                                                          | SIZE<br>A4 | X.XX ±0.15                               | X.XX' ±1°    | DRAWN BY          | DATE              | THIS DRAWING CONTAINS INFORMATION THAT IS PROPRIETARY TO TXGA INDUSTRIAL<br>ELECTRONICS(S,Z)CO.,LTD AND SHOULD NOT BE USED WITHOUT WRITTEN PERMISSION |                    |                                                                                                                                            |  |
|                                                                                                                                       |            | X.XXX ±0.10                              | X.XXX' ±0.5° | PYD               | 04/JAN/22         |                                                                                                                                                       |                    |                                                                                                                                            |  |

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