

A

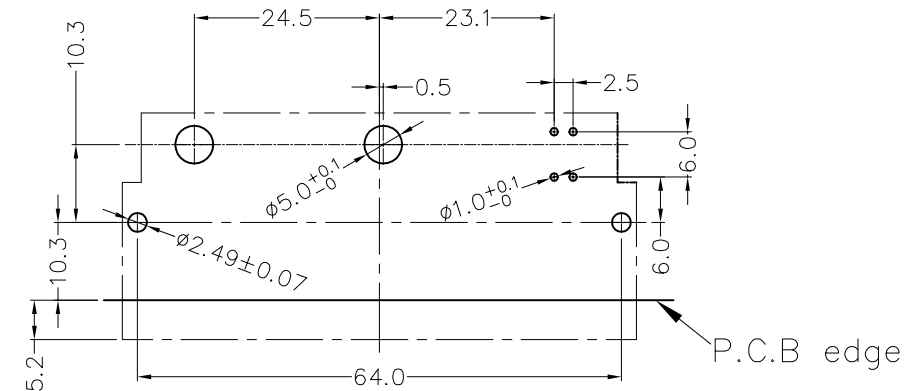
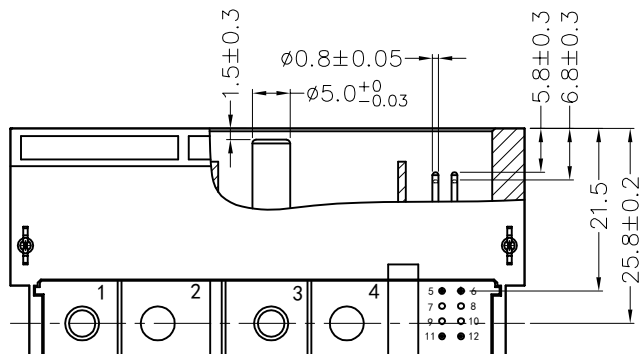
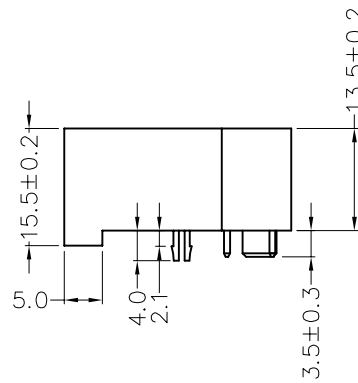
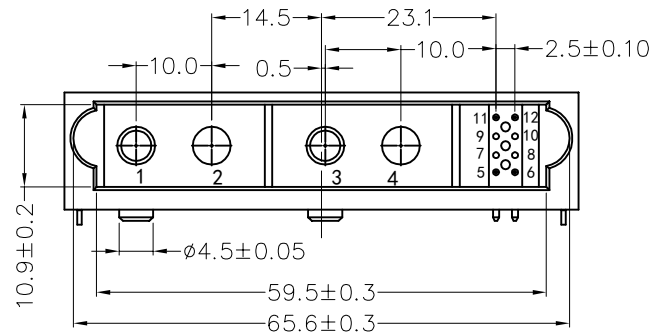
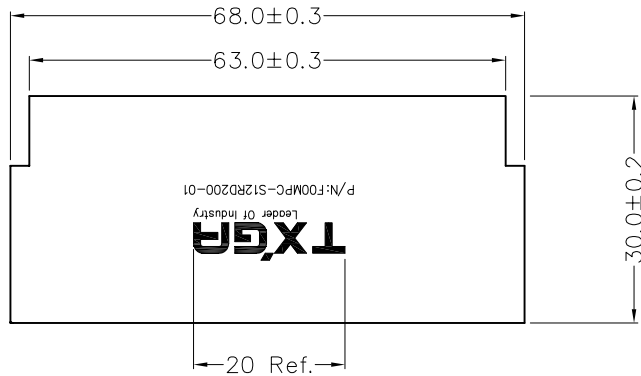
B

C

D

E

F



Recommended P.C.Board Layout

General tolerances:  $\pm 0.05$ 

## SPECIFICATIONS

## Electrical

Current Rating: 75A(power ends),  
3A(signal ends)Voltage Rating: 1000V AC(power ends),  
48V DC(signal ends)Contact Resistance: 1m $\Omega$  Max(power ends),  
12m $\Omega$  Max(signal ends)Insulation Resistance: 3000 M $\Omega$  Min.Withstanding Voltage: 3000V AC(Power ends),  
1000V AC(signal ends)Temperature Range—Operating:  $-55^{\circ}\text{C}\sim+125^{\circ}\text{C}$ 

## Mechanical

Durability: 100 Cycles

## Material and Plating

Housing: PBT (UL 94V-0) ,Black

Terminal:

Power end: Copper Alloy / 3~4 $\mu\text{m}$  Silver platedSignal end: Copper Alloy / 0.1 $\mu\text{m}$  Gold plated

Board Lock: Phosphor Bronze/ Nickel plated

|                                                                                                                   |            |                                          |            |                     |                   |                                                                                                                                                       |                    |                                                                                                                          |               |
|-------------------------------------------------------------------------------------------------------------------|------------|------------------------------------------|------------|---------------------|-------------------|-------------------------------------------------------------------------------------------------------------------------------------------------------|--------------------|--------------------------------------------------------------------------------------------------------------------------|---------------|
| <br>THIRD ANGLE<br>PROJECTION |            | GENERAL TOLERANCES<br>(UNLESS SPECIFIED) |            | APPROVE BY<br>FRANK | DATE<br>27/AUG/21 | PART NO.<br>F00MPC-S12RD200-01                                                                                                                        | ITEM NO.<br>F00MPC | <br>Building Technology Cornerstone |               |
|                                                                                                                   |            | X. ±0.30                                 | X.* ±5°    | CHECKED BY          | DATE              | TITLE                                                                                                                                                 |                    |                                                                                                                          |               |
| DESIGN UNITS<br>Metric                                                                                            |            | XX ±0.20                                 | XX* ±2°    | CHERRY              | 27/AUG/21         | Charging Pile Module Power Connector<br>20A DC 12Circuits Socket                                                                                      |                    | REV 0                                                                                                                    | SHEET NO. 1/1 |
| SCALE<br>1:1                                                                                                      | SIZE<br>A4 | XX ±0.15                                 | 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 |                    |                                                                                                                          |               |
|                                                                                                                   |            | XXX ±0.10                                | XXX* ±0.5° | MATT                | 27/AUG/21         |                                                                                                                                                       |                    |                                                                                                                          |               |