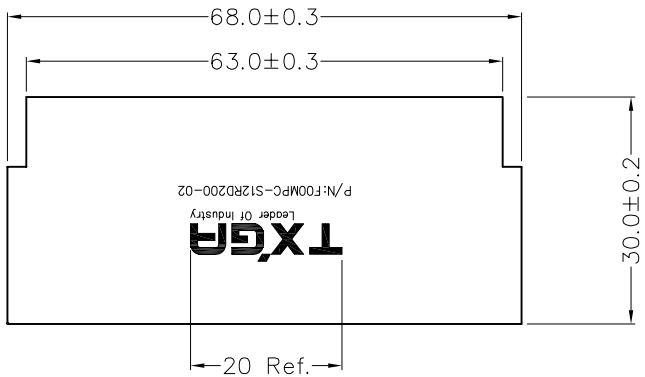
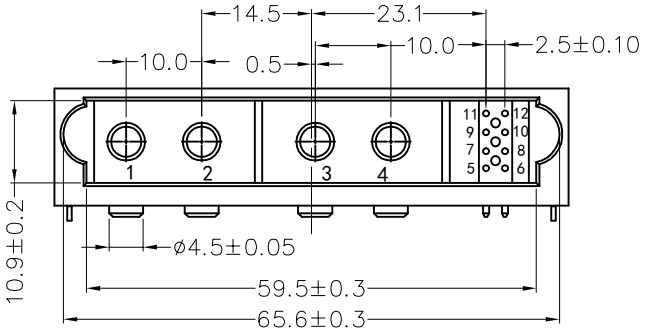
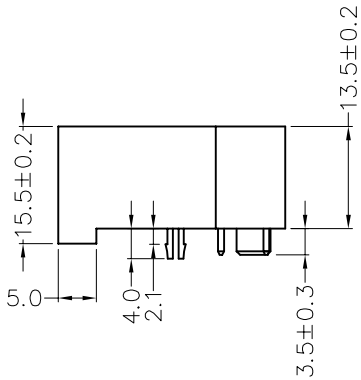
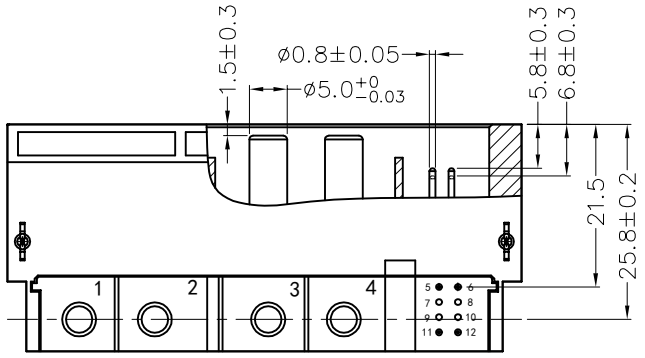
REV	LOCATIONS	DESCRIPTION	DATE	REVISER	APPD







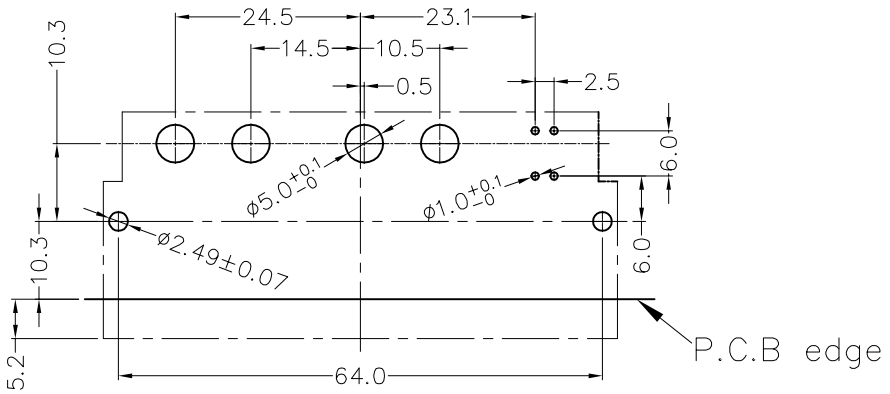


SPECIFICATIONS

Electrical
- Current Rating: 75A(power ends), 3A(signal ends)
- Voltage Rating: 1000V AC(power ends), 48V DC(signal ends)
- Contact Resistance: 1mΩ Max(power ends), 12mΩ Max(signal ends)
- Insulation Resistance: 3000 MΩ Min.
- Withstanding Voltage: 3000V AC(Power ends), 1000V AC(signal ends)
- Temperature Range—Operating: −55℃~+125℃

Mechanical
- Durability: 100 Cycles

Material and Plating
- Housing: PBT (UL 94V−0) ,Black
- Terminal:
  - Power end: Copper Alloy / 3~4μm Silver plated
  - Signal end: Copper Alloy / 0.1μm Gold plated
- Board Lock: Phosphor Bronze/ Nickel plated



Recommended P.C.Board Layout

General tolerances: ±0.05

THIRD ANGLE PROJECTION	GENERAL TOLERANCES (UNLESS SPECIFIED)		APPROVE BY	DATE	PART NO.	ITEM NO.	TXGA Building Technology Cornerstone
	X. ±0.30	X.° ±5°	FRANK	29/JUL/22	F00MPC-S12RD200-02	F00MPC	
DESIGN UNITS Metric	X.X ±0.20	X.X° ±2°	CHECKED BY CHERRY	DATE 29/JUL/22	TITLE Charging Pile Module Power Connector 20A DC 12Circuits Socket		REV 0 / SHEET NO. 1/1
SCALE 1:1 / SIZE A4	X.XX ±0.15	X.XX° ±1°	DRAWN BY MATT	DATE 29/JUL/22	THIS DRAWING CONTAINS INFORMATION THAT IS PROPRIETARY TO TXGA INDUSTRIAL ELECTRONICS(S.Z)CO.,LTD AND SHOULD NOT BE USED WITHOUT WRITTEN PERMISSION		
	X.XXX ±0.10	X.XXX° ±0.5°					