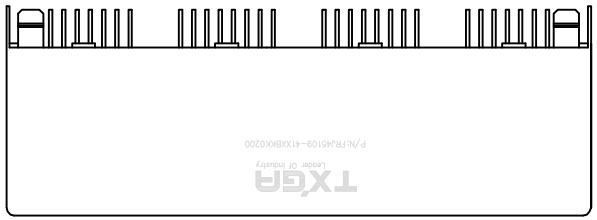
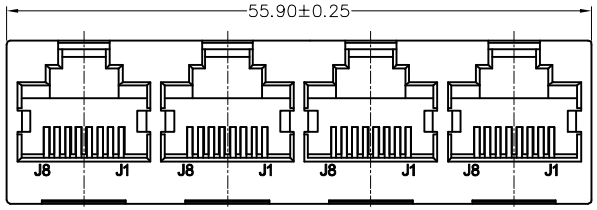
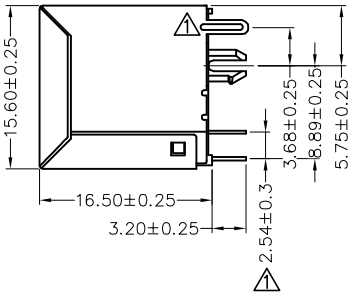
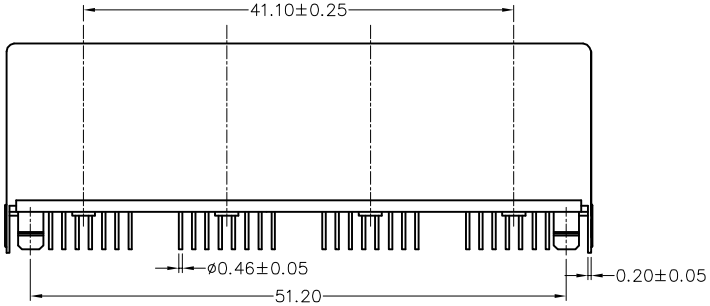
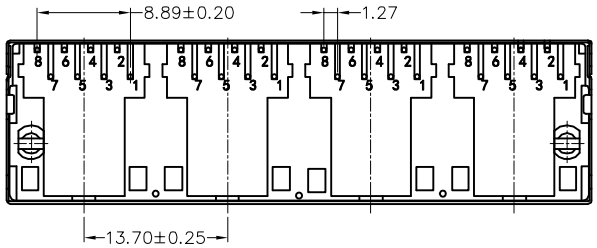
REV	LOCATIONS	DESCRIPTION	DATE	REVISER	APPD
1	⚠1	Update the shell structure and tolerances	09/OCT/24	MATT	LEO







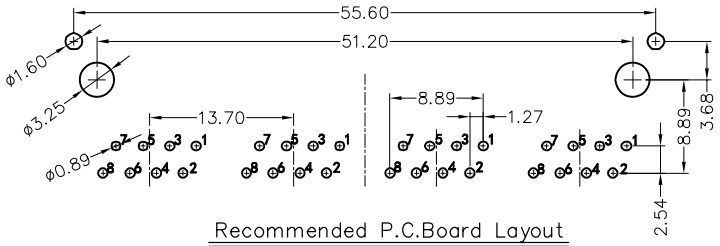




SPECIFICATIONS

Electrical Performances
- Current Rating: 1.5A AC(rms)/DC
- Voltage Rating: 125V AC(rms)/DC
- Contact Resistance: 30 mΩ Max
- Insulation Resistance: 500 MΩ MIN
- Withstanding Voltage: 1000V AC r.m.s
- Temperature Range—Operating: −40°C~+85°C

Material and Plating
- Housing: PBT UL94V−0
- Contact: Phosphor Bronze/ Gold Plated
- Shell: Brass/ Nickel Plated



Recommended P.C.Board Layout

Ordering Information

FRJ45	109	—	4	1	XX	BK	K	0	2	0	0
1	2		3	4	5	6	7		8		

1	Category: FRJ45−RJ45 Connector	2	Distinction No.: 109	3	Ports options: 4−4 Ports	4	Plating: 1−Gold Plated
5	Thickness of plating: 00−Gold flash; 03−3μ"; Custom plate available	6	Color−Resin: BK−Black	7	Packaging: K−Tray	8	Contact type: 2−Round pin

THIRD ANGLE PROJECTION

DESIGN UNITS: Metric

SCALE: 5:1 | SIZE: A4

GENERAL TOLERANCES (UNLESS SPECIFIED)

X. ±0.30	X.° ±5°
X.X ±0.20	X.X° ±2°
X.XX ±0.15	X.XX° ±1°
X.XXX ±0.10	X.XXX° ±0.5°

APPROVE BY	FRANK	DATE 11/JUN/20
CHECKED BY	CHERRY	DATE 11/JUN/20
DRAWN BY	KATE	DATE 11/JUN/20

PART NO.: FRJ45109−41XXBKK0200 | ITEM NO.: FRJ45109

TITLE: RJ45 Connector 8P8C 180° Vertical

TXGA Building Technology Cornerstone

REV 1 | SHEET NO. 1/1

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