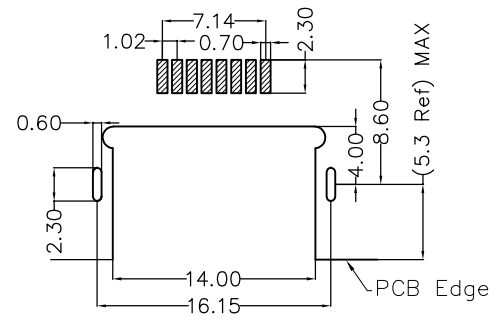
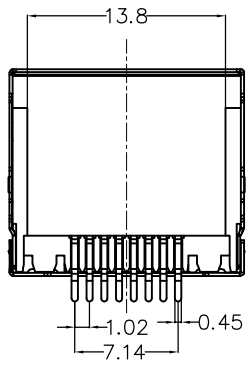
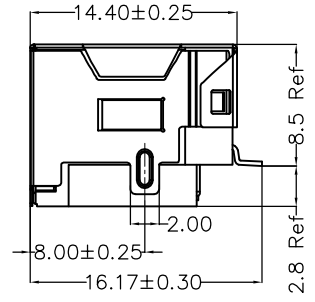
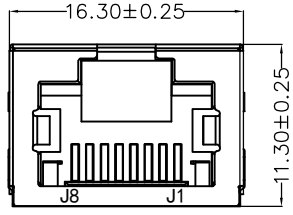
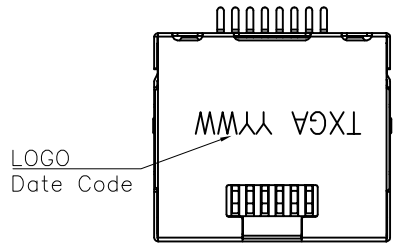


| REV | LOCATIONS | DESCRIPTION | DATE | REVISER | APPD |
|-----|-----------|-------------|------|---------|------|
| | | | | | |



Recommended P.C.Board Layout
Tolerances: ±0.05

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

Material and Plating
 Housing: LCP UL 94V-0, Black
 Contact: Phosphor Bronze/Gold plated on contact area, tin on tails
 Shield: Brass/Nickel plated

Mechanical Performances
 Insertion Force: 2.2Kgf Max
 Retention Strength: 7.7Kgf between jack with plug
 Durability: 750 Cycles Min.

Environmental Characteristics
 Temperature Range-Operating: -40°C~+85°C

Ordering Information

FRJ45 207 - 1 7 XX BK X 0 1 0 0
 1 2 3 4 5 6 7 8

| | | | |
|---|-----------------------------|-----------------------------------|--|
| 1 Category FRJ45-RJ45 Connector | 2 Distinction No. 207 | 3 Ports options 1-1 Port | 4 Plating 7-Selective gold on contact area, matte tin on tail |
| 5 Thickness of plating 00-Gold flash 03-3μ" Custom plate available | 6 Color-Resin BK-Black | 7 Packaging K-Tray M-Reel | 8 Contact type 1-Square pin |

| | | | | | | | |
|--|---------------------------------------|-----------|-----------------------|-------------------|--|----------------------|-------------------------------------|
| THIRD ANGLE PROJECTION DESIGN UNITS METRIC(mm) SCALE 5:1 SIZE A4 | GENERAL TOLERANCES (UNLESS SPECIFIED) | | APPROVE BY LEO | DATE 30/JAN/22 | PART NO. FRJ45207-17XXBKX0100 | ITEM NO. FRJ45207 | Building Technology Cornerstone |
| | X. ±0.30 | X.* ±5° | CHECKED BY GISELLE | DATE 30/JAN/22 | TITLE RJ45 Connector 8P8C 90° Angled SMT | | |
| | X.X ±0.20 | X.X* ±2° | DRAWN BY MATT | DATE 30/JAN/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.XX ±0.15 | X.XX* ±1° | | | | | |
| X.XXX ±0.10 | X.XXX* ±0.5° | | | | | | |