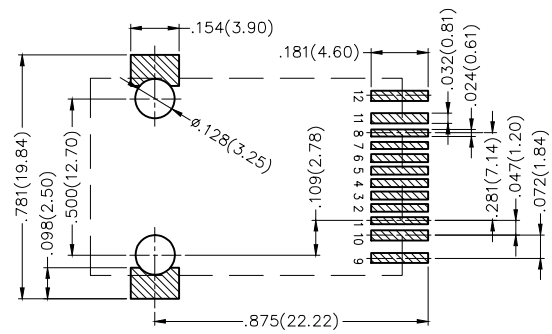
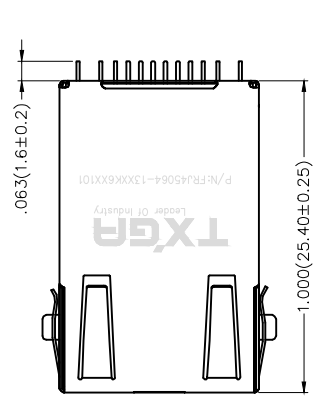


| REV | LOCATIONS | DESCRIPTION | DATE | REVISER | APPD |
|-----|-----------|-------------|------|---------|------|
| | | | | | |

1 2 3 4 5 6 7 8

A
B
C
D
E
F

A
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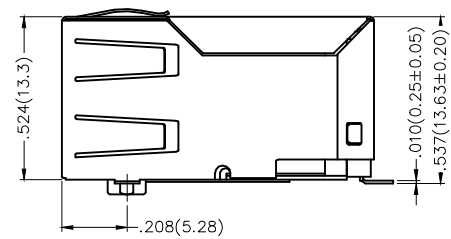
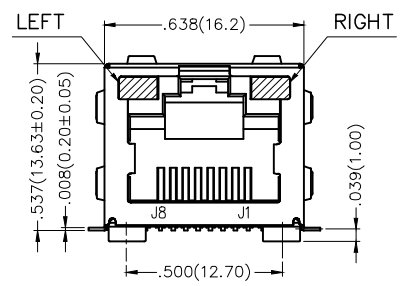
Recommended P.C.Board Layout
Tolerances: ±.002(0.05)

SPECIFICATIONS

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

Mechanical
 Durability: 750 cycles Min.
 Mating force: 30N Max.

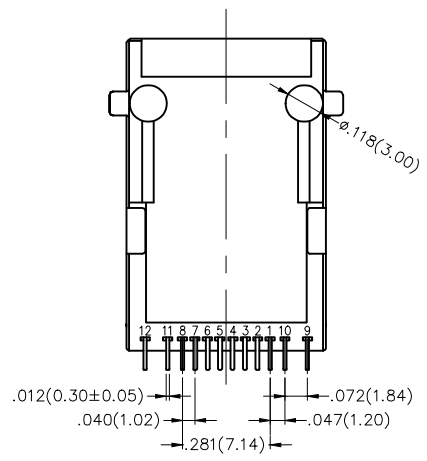
Material and plating
 Housing: LCP (UL 94V-0), Black
 Contact: Phosphor Bronze/ Selective gold in contact area, tin on tail
 Shell: Brass/ Nickel plated




Ordering Information

FRJ45 064 - 1 3 XX K6 X X 1 0 1
 1 2 3 4 5 6 7 8 9 10

| | | | | |
|------------------------------------|---------------------------------|---|--|---|
| 1 Category FRJ45-RJ45 Connector | 2 Distinction No. 064 | 3 Ports options 1-1 Port | 4 Plating 3-Selective gold in contact area, tin on tail | 5 Thickness of plating 00-Gold flash 06-6μ" Custom plate available |
| 6 Color-Resin K6-Black | 7 Packaging K-Tray M-Reel | 8 LED style 1-L: Yellow R: Green 2-L: Green R: Yellow | 9 Contact type 1-Square pin | 10 Pin circuits 1-100Base-T |



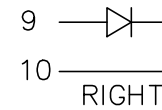
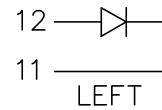
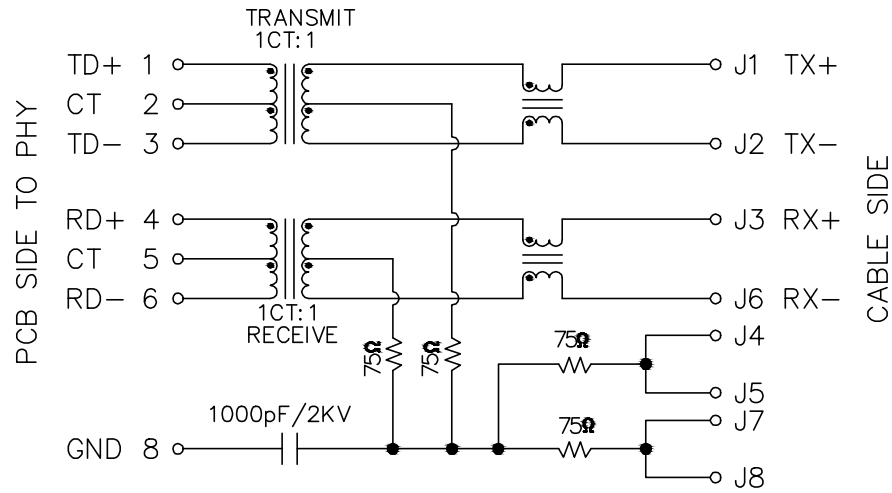
| | | | | | | | |
|-------------------------------|---------------------------------------|------------------|----------------------|-------------------|--|----------------------|---|
| THIRD ANGLE PROJECTION | GENERAL TOLERANCES (UNLESS SPECIFIED) | | APPROVE BY FRANK | DATE 16/JUL/17 | PART NO. FRJ45064-13XXK6XX101 | ITEM NO. FRJ45064 |  Leader Of Industry |
| | X.±.012(0.30) | X.±5' | CHECKED BY CHERRY | DATE 16/JUL/17 | TITLE RJ45 Connector 8P8C 90° Angle (100Base-T) | | |
| DESIGN UNITS Inch (metric) | X.X±.008(0.20) | .X'±2' | DRAWN BY KATE | DATE 16/JUL/17 | THIS DRAWING CONTAINS INFORMATION THAT IS PROPRIETARY TO TXGA INDUSTRIAL ELECTRONICS(S,Z)CO.,LTD AND SHOULD NOT BE USED WITHOUT WRITTEN PERMISSION | | |
| SCALE 5:1 | SIZE A4 | X.XX±.006(0.15) | | | | | |
| | | X.XXX±.004(0.10) | | | | | |

1 2 3 4 5 6 7 8

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

| Electrical Specifications@25°C±5°C | | | | | | | |
|------------------------------------|----------|-----------------------------|----------|----------------------------|----------|------------------|-----------------|
| Turns Ratio(±2%) | | OCL(uH Min) @100KHz/0.1V | | Insertion Loss (dB Max) | | HI-Pot (Vrms) | |
| TX | RX | With 8mA DC Bias | | 1-100MHz | | | |
| 1CT:1CT | 1CT:1CT | 350 | | -1.0 | | 1500 | |
| Retrun Loss (dB Min) | | | | Cross talk (dB Min) | | | CMR (dB Min) |
| 1-10MHz | 10-30MHz | 30-60MHz | 60-80MHz | 1-30MHz | 30-60MHz | 60-100MHz | 1-100MHz |
| -20 | -16 | -12 | -10 | -40 | -35 | -30 | -35 |

SCHMATIC



| | | | | | | | |
|-------------------------------|--|---------------------------|---------------------|----------------------|--|---|------------------------|
| THIRD ANGLE PROJECTION | GENERAL TOLERANCES (UNLESS SPECIFIED) | | APPROVE BY FRANK | DATE 16/JUL/17 | PART NO. FRJ45064-13XXK6XX101 | ITEM NO. FRJ45064 | Leader Of Industry |
| | DESIGN UNITS Inch (metric) | X.±.012(0.30) .X.±5' | X.±5' | CHECKED BY CHERRY | DATE 16/JUL/17 | TITLE RJ45 Connector 8P8C 90° Angle (100Base-T) | |
| SCALE 5:1 | SIZE A4 | X.XX±.006(0.15) .XX±1" | DRAWN BY KATE | DATE 16/JUL/17 | THIS DRAWING CONTAINS INFORMATION THAT IS PROPRIETARY TO TXGA INDUSTRIAL ELECTRONICS(S,Z)CO.,LTD AND SHOULD NOT BE USED WITHOUT WRITTEN PERMISSION | | |
| | | | | | | REV 0 | SHEET NO. 2/2 |