

| REV | LOCATIONS | DESCRIPTION | DATE | REVISER | APPD |
|-----|-----------|-----------------------------------------|-----------|---------|------|
| 1 | △ | Part No.: Change FRJ45108 into FRJ45082 | 29/JAN/19 | KATE | ANDY |

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

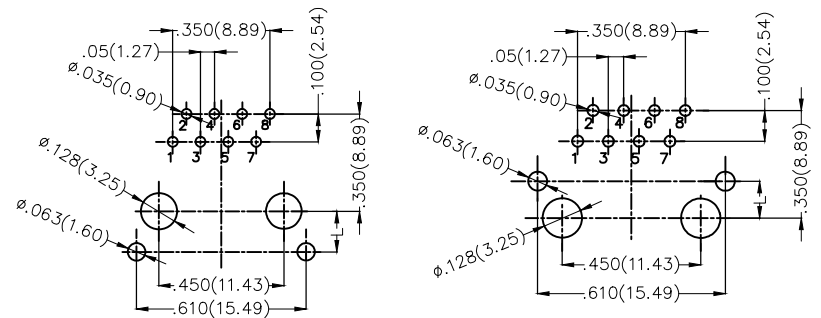
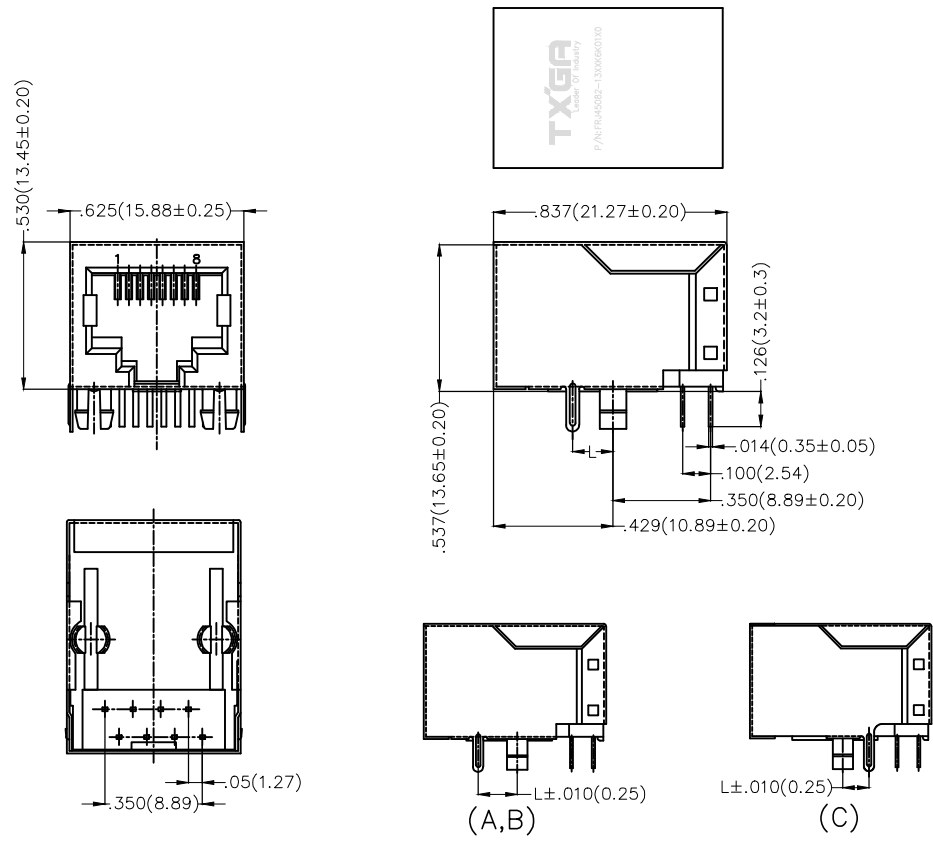
- Housing: Thermoplastic UL94V-0,
- Contact: Phosphor Bronze/ Selective gold plated on contact area, tin plated on tails.
- Shell: Copper Alloy/ Nickel plated

| Type | Part No. | Dimensions(in/mm) |
|------|----------------------|-------------------|
| | | L |
| A | FRJ45082-13XXK6K01A0 | .180(4.57) |
| B | FRJ45082-13XXK6K01B0 | .145(3.68) |
| C | FRJ45082-13XXK6K01C0 | .120(3.05) |


Ordering Information

FRJ45 082 - 1 3 XX K6 K 0 1 X 0
 1 2 3 4 5 6 7 8 9

- | | | | |
|-------------------------------------------------------------------------------|-----------------------------|-------------------------------|--------------------------------------------------------------|
| 1 Category FRJ45-RJ45 Connector | 2 Distinction No. 082 | 3 Ports options 1-1 Port | 4 Plating 3-Selective gold in contact area, tin on tail |
| 5 Thickness of plating 00-Gold flash 03-3μ" Custom plate available | 6 Color-Resin K6-Black | 7 Packaging K-Tray | 8 Contact type 1-Square pin |
| | | | 9 distinction type A-Type A B-Type B C-Type C |



(A,B) (C)
Recommended P.C.Board Layout

| | | | | | | | |
|------------------------|---------------------------------------|------------------------------------------------------------------------|------------------------------------------|----------------------|----------------------------------------------------------------------------------------------------------------------------------------------------|-------------------------------------------|-------------------------------------------------------------------------------------------------------------|
| THIRD ANGLE PROJECTION | GENERAL TOLERANCES (UNLESS SPECIFIED) | | APPROVE BY FRANK | DATE 18/JUN/13 | PART NO. △ FRJ45082-13XXK6K01X0 | ITEM NO. FRJ45082 |  Leader Of Industry |
| | DESIGN UNITS Inch (metric) | X.±.012(0.30) X.X±.008(0.20) X.XX±.006(0.15) X.XXX±.004(0.10) | X.±5° .X'±2° .XX'±1° .XXX'±0.5° | CHECKED BY CHERRY | DATE 18/JUN/13 | TITLE RJ45 Connector 8P8C 90° Angle | |
| SCALE 5:1 | SIZE A4 | | DRAWN BY KEVIN | DATE 18/JUN/13 | THIS DRAWING CONTAINS INFORMATION THAT IS PROPRIETARY TO TXGA INDUSTRIAL ELECTRONICS(S.Z)CO.,LTD AND SHOULD NOT BE USED WITHOUT WRITTEN PERMISSION | | REV 1 SHEET NO. 1/1 |

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