

| REV | LOCATIONS | DESCRIPTION | DATE | REVISER | APPD |
|-----|-----------|--|-----------|---------|------|
| 1 | △ | 1. Dimension: Change 2.62 into 3.25mm 2. Part No.: Change FRJ4598 into FRJ45050 | 01/JUN/18 | Vandy | Eric |

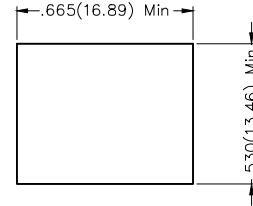
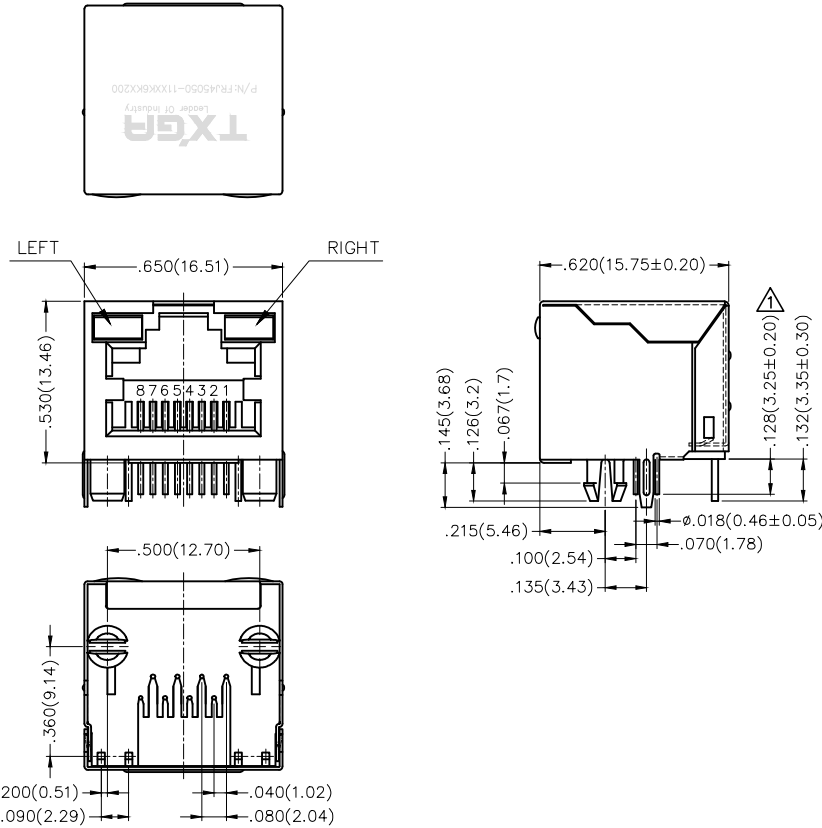
SPECIFICATIONS

Electrical

Current Rating: 1.5A AC(rms)/DC
Voltage Rating: 125V AC(rms)/DC
Contact Resistance: 40 mΩ Max
Insulation Resistance: 1000 MΩ Min / DC 500V
Withstanding Voltage: 1000V AC r.m.s
Operating Temperature: -20°C~+75°C
Durability: 750 Cycles Min.

Material and Plating

Housing: Thermoplastic UL94V-0, Black
Contact: Phosphor Bronze/ Gold Plated
Shell: Brass/ Nickel Plated



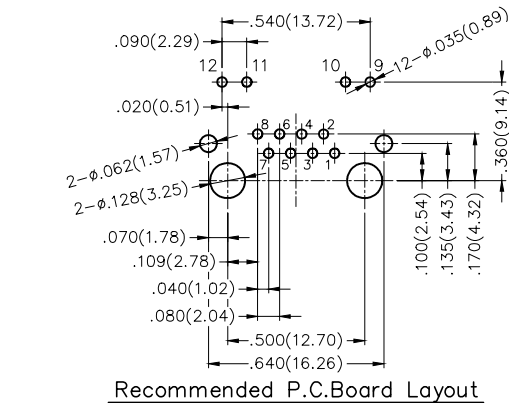
| Circuits | Left | Circuits | Right |
|----------|------|----------|-------|
| 11 | - | 9 | - |
| 12 | + | 10 | + |

Recommended Panel Cutout


Ordering Information

FRJ45 050 - 1 1 XX K6 K X 2 0 0
1 2 3 4 5 6 7 8 9

| | | | | |
|------------------------------------|--------------------------|---|-------------------------------|---|
| 1 Category FRJ45-RJ45 Connector | 2 Distinction No. 050 | 3 Ports options 1-1 Port | 4 Plating 1-Gold Plated | 5 Thickness of plating 00-Gold flash 03-3μ" Custom plate available |
| 6 Color-Resin K6-Black | 7 Packaging K-Tray | 8 LED style 1-L: Yellow R: Green 2-L: Green R: Yellow | 9 Contact type 2-Round pin | |



Recommended P.C.Board Layout

| | | | | | | | |
|------------------------|---------------------------------------|-------------------------|----------------------|-------------------|--|----------------------|---|
| THIRD ANGLE PROJECTION | GENERAL TOLERANCES (UNLESS SPECIFIED) | | APPROVE BY FRANK | DATE 18/JUN/13 | PART NO. △ FRJ45050-11XXK6KX200 | ITEM NO. FRJ45050 |  Leader Of Industry |
| | DESIGN UNITS Inch (metric) | X.±.012(0.30) X'.±5' | CHECKED BY CHERRY | DATE 18/JUN/13 | TITLE RJ45 Connector 8P8C 90° Angle | | |
| SCALE 5:1 | SIZE A4 | X.XX±.006(0.15) .XX'±1" | DRAWN BY KATE | 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 | LOCATIONS | DESCRIPTION | DATE | REVISER | APPD |
|-----|-----------|--|-----------|---------|------|
| 1 | △ | 1. Dimension: Change 2.62 into 2.90mm 2. Part No.: Change FRJ4598 into FRJ45050 | 01/JUN/18 | Vandy | Eric |

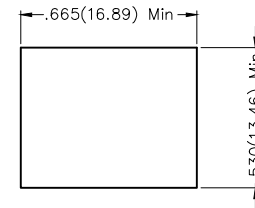
SPECIFICATIONS

Electrical

Current Rating: 1.5A AC(rms)/DC
Voltage Rating: 125V AC(rms)/DC
Contact Resistance: 40 mΩ Max
Insulation Resistance: 1000 MΩ Min / DC 500V
Withstanding Voltage: 1000V AC r.m.s
Operating Temperature: -20°C~+75°C
Durability: 750 Cycles Min.

Material and Plating

Housing: PBT UL94V-0, Black
Contact: Phosphor Bronze/ Selective gold in contact area, tin on tail
Shell: Brass/ Nickel Plated



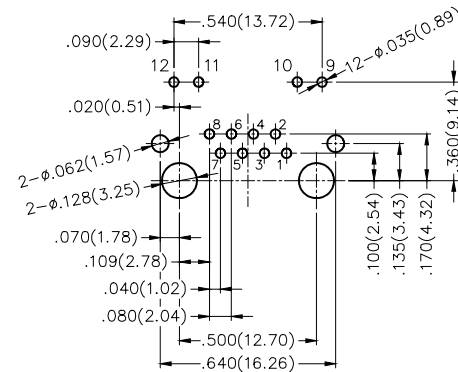
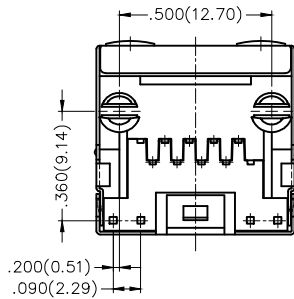
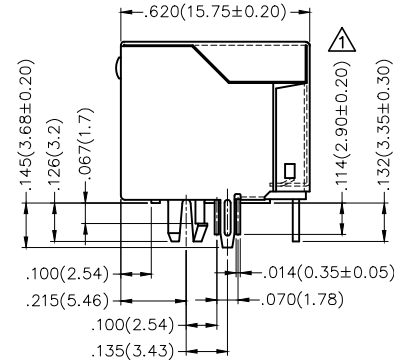
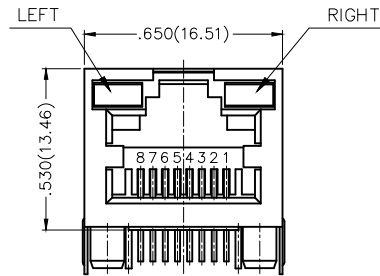
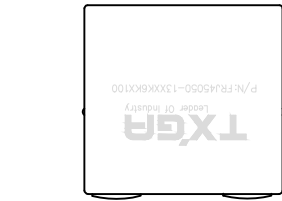
Recommended Panel Cutout

| Circuits | Left | Circuits | Right |
|----------|------|----------|-------|
| 11 | - | 9 | - |
| 12 | + | 10 | + |

Ordering Information

FRJ45 050 - 1 3 XX K6 K X 1 0 0
1 2 3 4 5 6 7 8 9

| | | | | |
|------------------------------------|--------------------------|---|--|---|
| 1 Category FRJ45-RJ45 Connector | 2 Distinction No. 050 | 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 | 8 LED style 1-L: Yellow R: Green 2-L: Green R: Yellow | 9 Contact type 1-Square pin | |



Recommended P.C.Board Layout

| | | | | | | | |
|------------------------|---------------------------------------|------------------------|----------------------|-------------------|--|----------------------|------------------------|
| THIRD ANGLE PROJECTION | GENERAL TOLERANCES (UNLESS SPECIFIED) | | APPROVE BY FRANK | DATE 18/JUN/13 | PART NO. △ FRJ45050-13XXK6KX100 | ITEM NO. FRJ45050 | Leader Of Industry |
| | DESIGN UNITS Inch (metric) | X.±.012(0.30) X'.±5' | CHECKED BY CHERRY | DATE 18/JUN/13 | TITLE RJ45 Connector 8P8C 90° Angle | | |
| SCALE 5:1 | SIZE A4 | X.XX±.006(0.15) .XX±1" | DRAWN BY KATE | 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 | | |