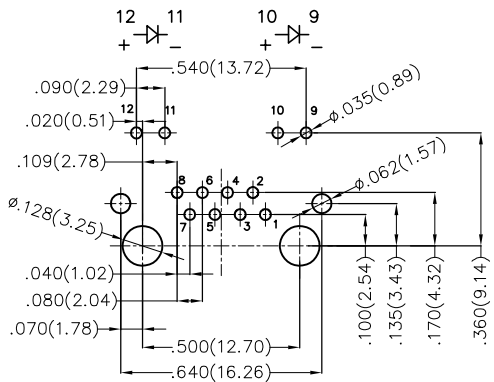
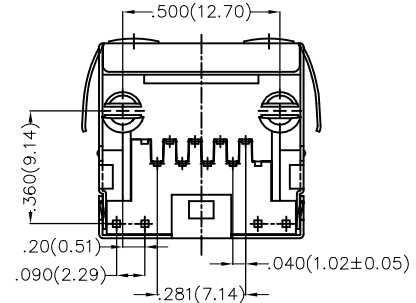
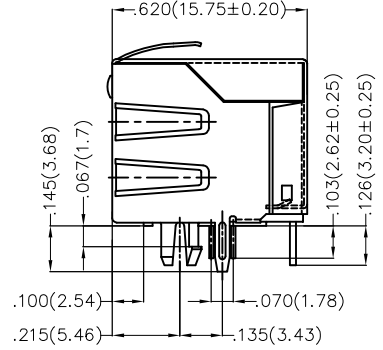
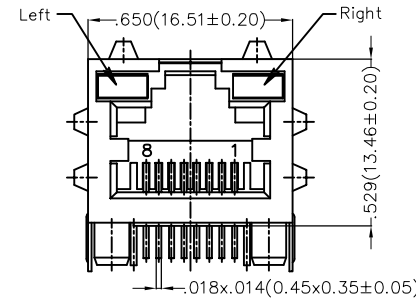
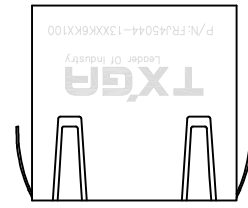


REV	LOCATIONS	DESCRIPTION	DATE	REVISER	APPD
1	△	Part No.: Change FRJ45107 into FRJ45044	31/MAY/18	KATE	ERIC

A  
B  
C  
D  
E  
F



Recommended P.C.Board Layout

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  
 Contact Plating: Selective gold in contact area,  
 tin on tail  
 Shell: Copper Alloy/Nickel Plated

Ordering Information

FRJ45 044 - 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. 044	3 Ports options 1-1 Port	4 Plating 3-Selective gold in contact area, tin on tail	5 Thickness of plating 00-Gold flash 02-2μ" 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	

THIRD ANGLE PROJECTION	GENERAL TOLERANCES (UNLESS SPECIFIED)		APPROVE BY FRANK	DATE 18/JUN/13	PART NO. △ FRJ45044-13XXK6KX100	ITEM NO. FRJ45044		
	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

1 2 3 4 5 6 7 8

REV	LOCATIONS	DESCRIPTION	DATE	REVISER	APPD
1	△	Part No.: Change FRJ45107 into FRJ45044	31/MAY/18	KATE	ERIC
2	△	1. Structure change, 2. Dimensions change	21/APR/20	KATE	CHERRY
3	△	Dimensions change	23/APR/23	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  
 Contact Plating: Gold Plated  
 Shell: Copper Alloy/Nickel Plated

**LED Specification**

Standard LED Color	LED Wavelength	Foward(A)	Foward(V)
Green	569nm	20mA	1.6-2.6V
Yellow	589nm	20mA	1.6-2.6V

A

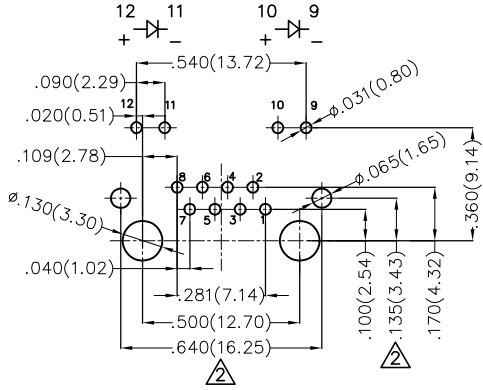
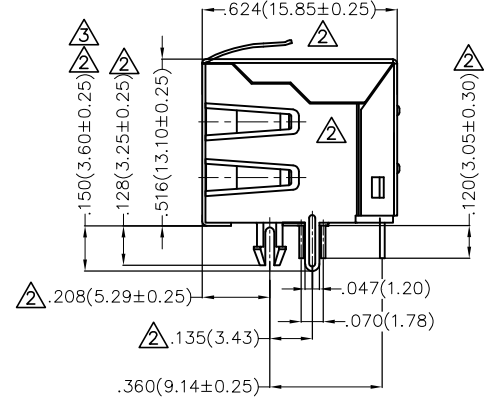
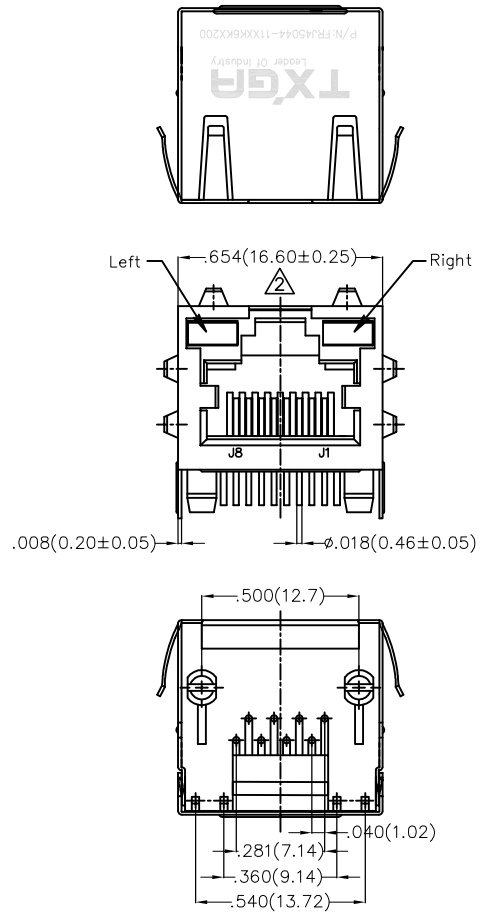
B

C

D

E

F




Recommended P.C.Board Layout

**Ordering Information**

FRJ45 044 — 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. 044	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 3—L: Green R: Green+Orange	9 Contact type 2—Round pin	

THIRD ANGLE PROJECTION	GENERAL TOLERANCES (UNLESS SPECIFIED)		APPROVE BY FRANK	DATE 18/JUN/13	PART NO. △ FRJ45044-11XXK6KX200	ITEM NO. FRJ45044	 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 3 SHEET NO. 1/1

1 2 3 4 5 6 7 8

1 2 3 4 5 6 7 8