

REV	LOCATIONS	DESCRIPTION	DATE	REVISER	APPD
1	△	Part No.: Change FRJ4587 into FRJ45053	31/MAY/18	Vandy	Eric
2	△	Structural change; Increase coplanarity control	21/OCT/21	KATE	CHERRY

**SPECIFICATIONS**

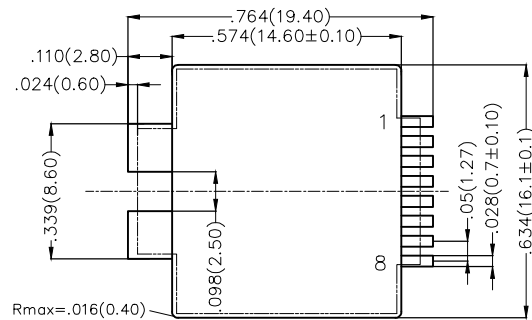
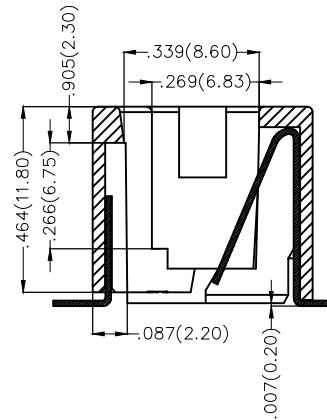
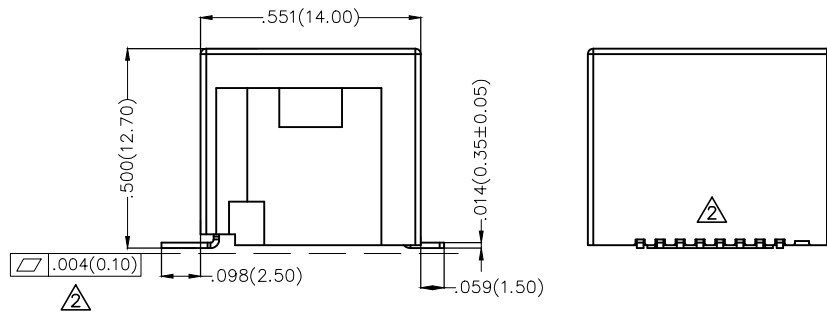
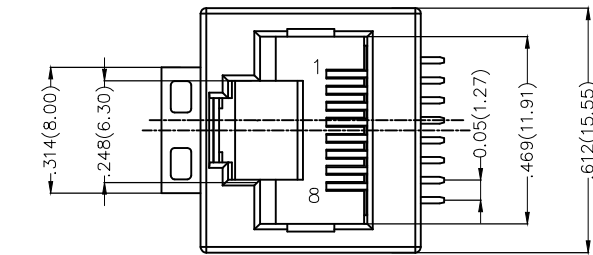
**Electrical**

Current Rating: 1.5A AC(rms)/DC  
Voltage Rating: 125V AC(rms)/DC  
Contact Resistance: 50 mΩ Max  
Insulation Resistance: 500 MΩ MIN  
Withstanding Voltage: 500V AC r.m.s  
Operating Temperature: -40°C~+85°C

**Material**

Housing: LCP U94V-0  
Contact: Phosphor bronze/  
Plating: Gold on contact area, tin on solder area

PC Plug should bear 10N Pulling force with 750 Times Min



Recommended P.C.Board Layout

**Ordering Information**

FRJ45 053 — 1 3 XX K6 K 0 1 0 0  
1 2 3 4 5 6 7 8

1 Category FRJ45-RJ45 Connector	2 Distinction No. 053	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

 THIRD ANGLE PROJECTION	GENERAL TOLERANCES (UNLESS SPECIFIED)		APPROVE BY FRANK	DATE 1/AUG/13	PART NO. △ FRJ45053-13XXK6K0100	ITEM NO. FRJ45053	 Leader Of Industry	
	X.±.012(0.30)	X.±5'	CHECKED BY CHERRY	DATE 1/AUG/13	TITLE RJ45 Connector 8P8C 180° Vertical			
DESIGN UNITS Inch (metric)	X.X±.008(0.20)	.X±2'	DRAWN BY KEVIN	DATE 1/AUG/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 2	SHEET NO. 1/1
SCALE 5:1	SIZE A4	X.XX±.006(0.15)						
		X.XXX±.004(0.10)						