

REV	LOCATIONS	DESCRIPTION	DATE	REVISED	APPD
1	△	Part No.: Change FRJ4501 into FRJ45001	31/MAY/18	Vandy	Eric

### 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

#### Material and Plating

Housing: PBT UL 94V-0  
Contact: Phosphor Bronze/Gold Plated

#### Mechanical Performances

Mating/Unmating Force: 30N Max  
Retention Strength: 50N For 60s±5s  
Durability: 750 Cycles Min.

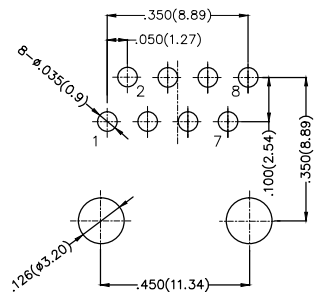
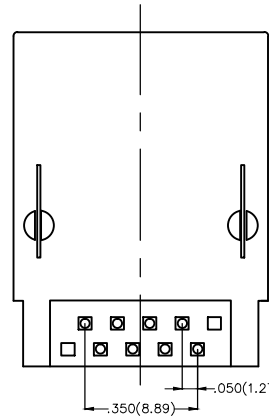
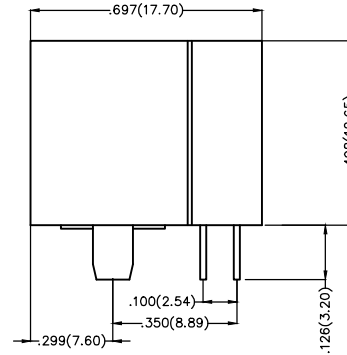
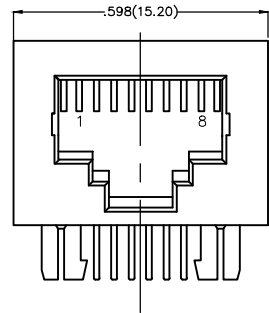
#### Environmental Characteristics

Temperature Range—Operating: -40°C~+85°C

### Ordering Information

FRJ45 001 — 1 1 XX K6 K 0 2 0 0  
1 2 3 4 5 6 7 8

1	Category FRJ45—RJ45 Connector	2	Distinction No. 001	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	Contact type 2—Round pin



Recommended P.C.Board Layout

 THIRD ANGLE PROJECTION	GENERAL TOLERANCES (UNLESS SPECIFIED)		APPROVE BY FRANK	DATE 1/AUG/13	PART NO. △ FRJ45001-11XXK6K0200	ITEM NO. FRJ45001	 Leader Of Industry
	DESIGN UNITS Inch (metric)	X.±.012(0.30) X.X±.008(0.20)	X.±5" .X±2"	CHECKED BY CHERRY	DATE 1/AUG/13	TITLE RJ45 Connector 8P8C 90°Angle (DIP)	
SCALE 5:1	SIZE A4	X.XX±.006(0.15) X.XXX±.004(0.10)	.XX±1" .XXX±0.5"	DRAWN BY JACOB	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	