

REV	LOCATIONS	DESCRIPTION	DATE	REVISER	APPD
1		Part No.: Change FRJ4501 into FRJ45001	31/MAY/18	Vandy	Eric
2		Size changes	25/MAY/21	KATE	CHERRY
3		Size changes	29/SEP/21	KATE	CHERRY

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.

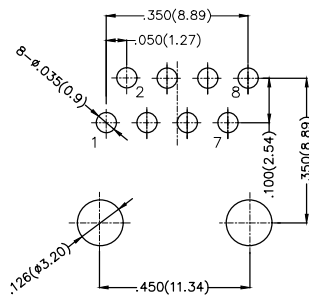
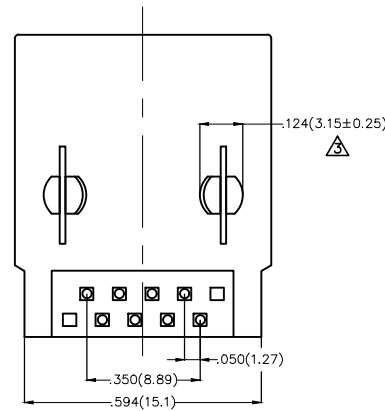
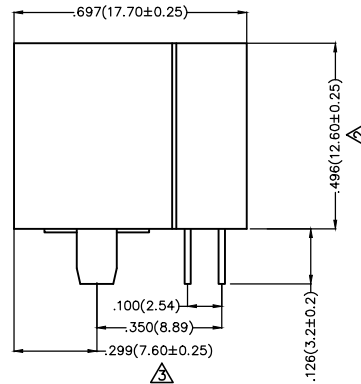
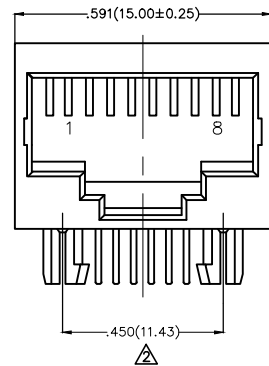
Environmental Characteristics

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
Tolerances: ±.002(0.05)

 THIRD ANGLE PROJECTION		GENERAL TOLERANCES (UNLESS SPECIFIED)		APPROVE BY FRANK	DATE 1/AUG/13	PART NO.  FRJ45001-11XXK6K0200	ITEM NO. FRJ45001	 Leader Of Industry	
		X.±.012(0.30)	X.±5°	CHECKED BY	DATE	TITLE			
DESIGN UNITS Inch (metric)		X.X±.008(0.20)	.X±2°	CHERRY	1/AUG/13	RJ45 Connector 8P8C 90°Angle (DIP)		REV 3	SHEET NO. 1/1
		X.XX±.006(0.15)	.XX±1°	DRAWN BY	DATE				
SCALE 5:1	SIZE A4	X.XXX±.004(0.10)	.XXX±0.5°	JACOB	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			