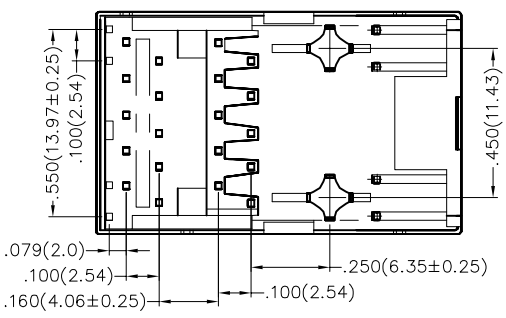
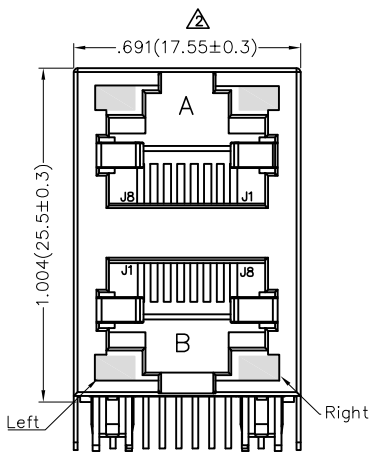
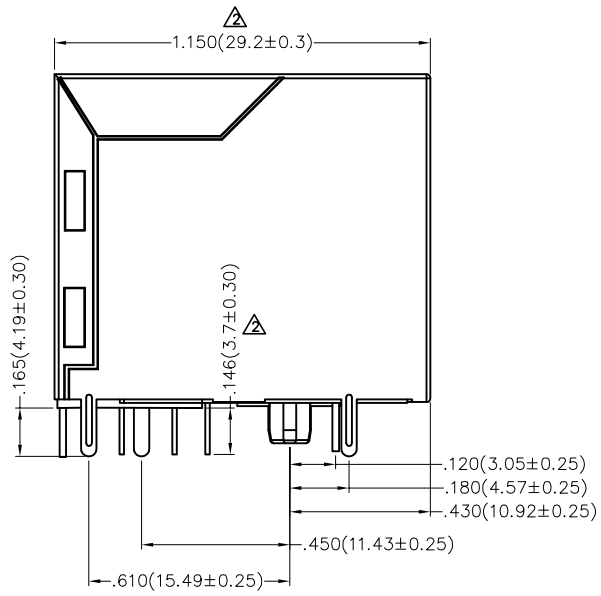


1 2 3 4 5 6 7 8

REV	LOCATIONS	DESCRIPTION	DATE	REVISER	APPD
1	△	Part No.: Change FRJ45120 into FRJ45035	31/MAY/18	KATE	ERIC
2		Update Drawing	15/DEC/22	MATT	KATE
3	△	Update dimensions and tolerances	28/MAR/24	MATT	LEO



SPECIFICATIONS


Electrical
 Current Rating: 1.5A AC(rms)/DC
 Voltage Rating: 150V 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, 94V-0 ,Black
 Contact: Phosphor Bronze/Selective gold in contact area, tin on tail
 Shell: Brass/Nickel Plated

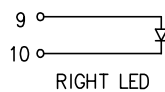
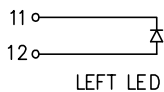
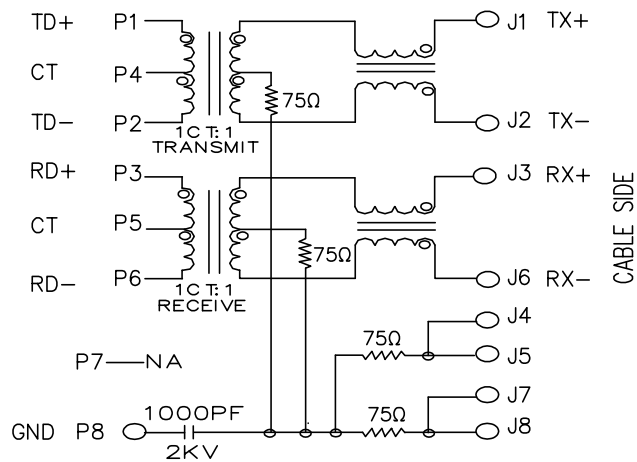
Ordering Information

FRJ45 035 — 2 3 XX K6 K X 1 0 1
 1 2 3 4 5 6 7 8 9 10

1 Category FRJ45-RJ45 Connector	2 Distinction No. 035	3 Ports options 2-2 Ports	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 LED style 1-L: Yellow R: Green 2-L: Green R: Yellow	9 Contact type 1-Square pin	10 Pin circuits 1-100Base-T

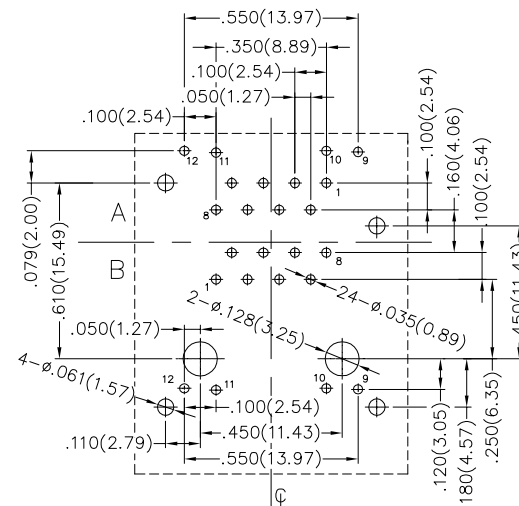
THIRD ANGLE PROJECTION	GENERAL TOLERANCES (UNLESS SPECIFIED)		APPROVE BY FRANK	DATE 18/JUN/13	PART NO. △ FRJ45035-23XXK6KX101	ITEM NO. FRJ45035	 Leader Of Industry	
	DESIGN UNITS Inch (metric)	X.±.012(0.30) X.X±.008(0.20) X.XX±.006(0.15) X.XXX±.004(0.10)	X'.±5' .X'±2' .XX'±1' .XXX'±0.5'	CHECKED BY KEVIN	DATE 18/JUN/13	TITLE RJ45 Connectors 10P8C 90°Angle(100Base-T)		
SCALE 5:1	SIZE A4		DRAWN BY CHERRY	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. 1/2

1 2 3 4 5 6 7 8



REV	LOCATIONS	DESCRIPTION	DATE	REVISER	APPD

Parameter	Specifications
Turns Ratio	1:1±3%
Inductance(OCL)	350uH Min@100KHz/100mV With 8mA DC Bias
Insertion Loss	-1.0dB MAX@1MHz-100MHz;
Return Loss	-16dB Min@1MHz-30MHz; -14dB Min@30MHz-60MHz -10dB Min@60MHz-80MHz
Cross Talk	-40dB Min@1MHz-30MHz; -35dB Min@30MHz-60MHz -30dB Min@60MHz-80MHz
Common Mode Rejection Ratio	-35dB Min@1MHz-100MHz
HI-POT	1500VAC 6S 1mA



Recommended P.C.Board Layout
Tolerances: ±.002(±0.05)

 THIRD ANGLE PROJECTION	GENERAL TOLERANCES (UNLESS SPECIFIED)		APPROVE BY FRANK	DATE 18/JUN/13	PART NO. FRJ45035-23XXK6KX101	ITEM NO. FRJ45035	 Leader Of Industry
	DESIGN UNITS Inch (metric)	X.±.012(0.30) X.X±.008(0.20)	X.±5° .X±2°	CHECKED BY KEVIN	DATE 18/JUN/13	TITLE RJ45 Connectors 10P8C 90°Angle(100Base-T)	
SCALE 5:1	SIZE A4	X.XX±.006(0.15) X.XXX±.004(0.10)	.XX±1° .XXX±0.5°	DRAWN BY CHERRY	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. 2/2