

REV	LOCATIONS	DESCRIPTION	DATE	REVISER	APPD
1		Part No.: Change FRJ45113 into FRJ45041	31/MAY/18	KATE	ERIC
2		Add no LED lights on page 2	29/Sept/24	FAY	ERIC

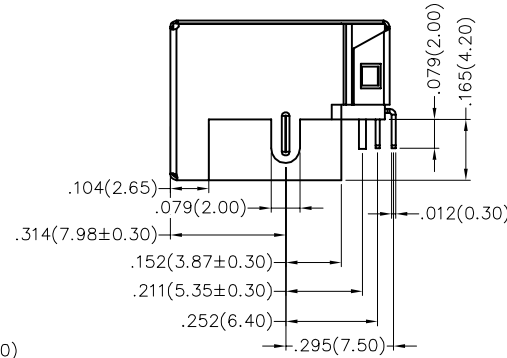
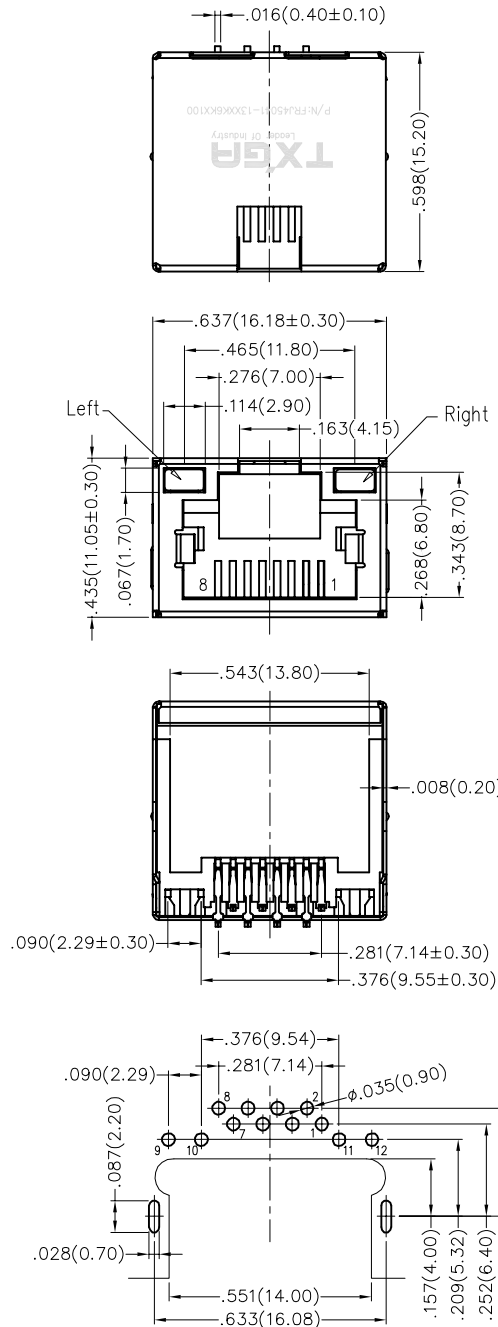
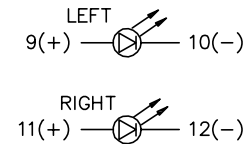
SPECIFICATIONS

Electrical

Current Rating: 1.5A AC(rms)/DC  
Voltage Rating: 125V AC(rms)/DC  
Contact Resistance: 40 mΩ Max  
Insulation Resistance: 500 MΩ Min / DC 500V  
Withstanding Voltage: 1000V AC r.m.s  
Operating Temperature: -20°C~+75°C

Material and Plating

Housing: LCP (UL 94V-0), Black  
Contact: Phosphor Bronze/Gold Plated/Selective gold in contact area, tin on tail  
Shell: Brass/Nickel Plated



Ordering Information

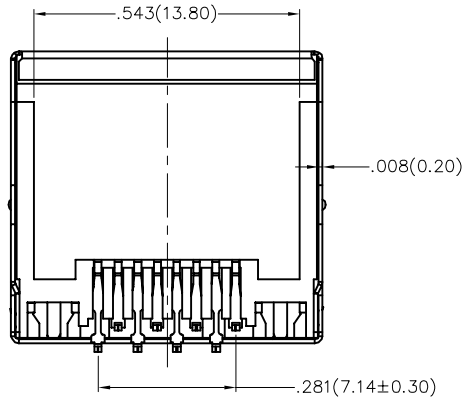
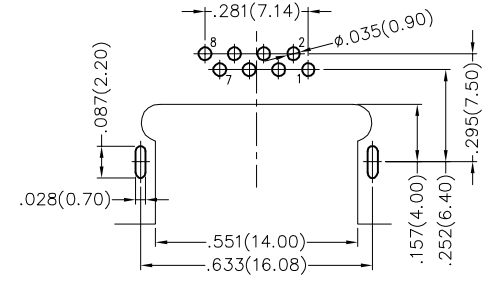
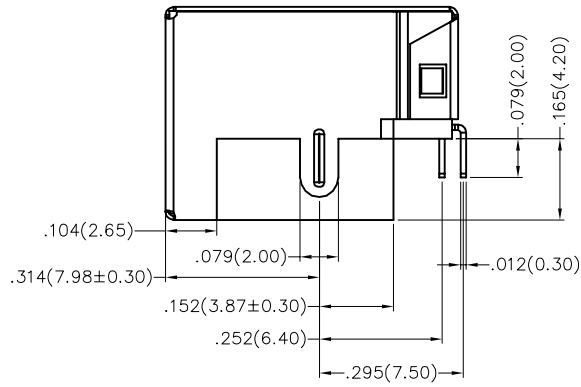
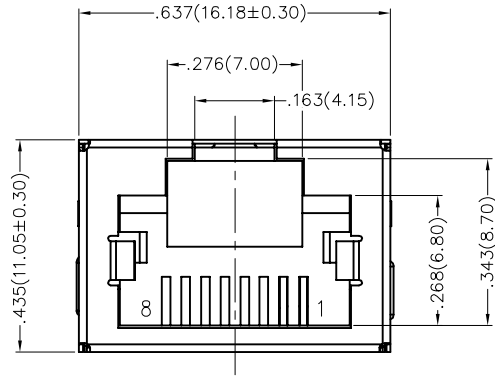
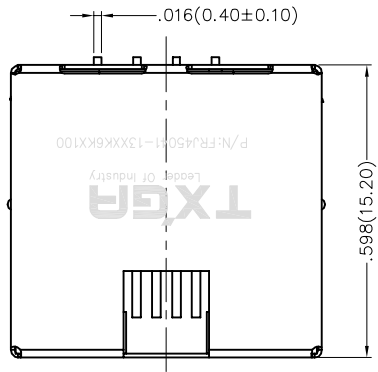
FRJ45 041 - 1 3 XX K6 X X 1 0 0  
1 2 3 4 5 6 7 8 9

1 Category FRJ45-RJ45 Connector	2 Distinction No. 041	3 Ports options 1-1 Port	4 Plating 3-Selective gold in contact area, tin on tail	5 Thickness of plating 00-Gold flash 01-1μ" Custom plate available
6 Color-Resin K6-Black	7 Packaging K-Tray M-Reel	8 LED style 0-0: Without LED 1-L: Yellow R: Green 2-L: Green R: Yellow	9 Contact type 1-Square pin	

Recommended P.C.Board Layout

	GENERAL TOLERANCES (UNLESS SPECIFIED)		APPROVE BY FRANK	DATE 18/JUN/13	PART NO. FRJ45041-13XXK6XX100	ITEM NO. FRJ45041	 Building Technology Cornerstone	
	X.±.012(0.30)	X'.±5'	CHECKED BY CHERRY	DATE 18/JUN/13	TITLE RJ45 Connectors 8P8C 90°Angle			REV 2
DESIGN UNITS Inch (metric)	X.X±.008(0.20)	X'.±2'	DRAWN BY KATE	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			
SCALE 5:1	SIZE A4	X.XX±.006(0.15)						
		X.XXX±.004(0.10)						

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 THIRD ANGLE PROJECTION	GENERAL TOLERANCES (UNLESS SPECIFIED)		APPROVE BY	DATE	PART NO.	ITEM NO.	 Building Technology Cornerstone
	X.±.012(0.30)	X.±5'	FRANK	18/JUN/13	FRJ45041-13XXK6XX100	FRJ45041	
	X.X±.008(0.20)	.X'±2"	CHECKED BY	DATE	TITLE		
	X.XX±.006(0.15)	.XX'±1"	CHERRY	18/JUN/13	RJ45 Connectors 8P8C 90°Angle		
SCALE	SIZE	X.XXX±.004(0.10)	.XXX'±0.5'	DRAWN BY	DATE	THIS DRAWING CONTAINS INFORMATION THAT IS PROPRIETARY TO TXGA INDUSTRIAL ELECTRONICS(S.Z)CO.,LTD AND SHOULD NOT BE USED WITHOUT WRITTEN PERMISSION	
5:1	A4			KATE	18/JUN/13	REV 2	SHEET NO. 2/2