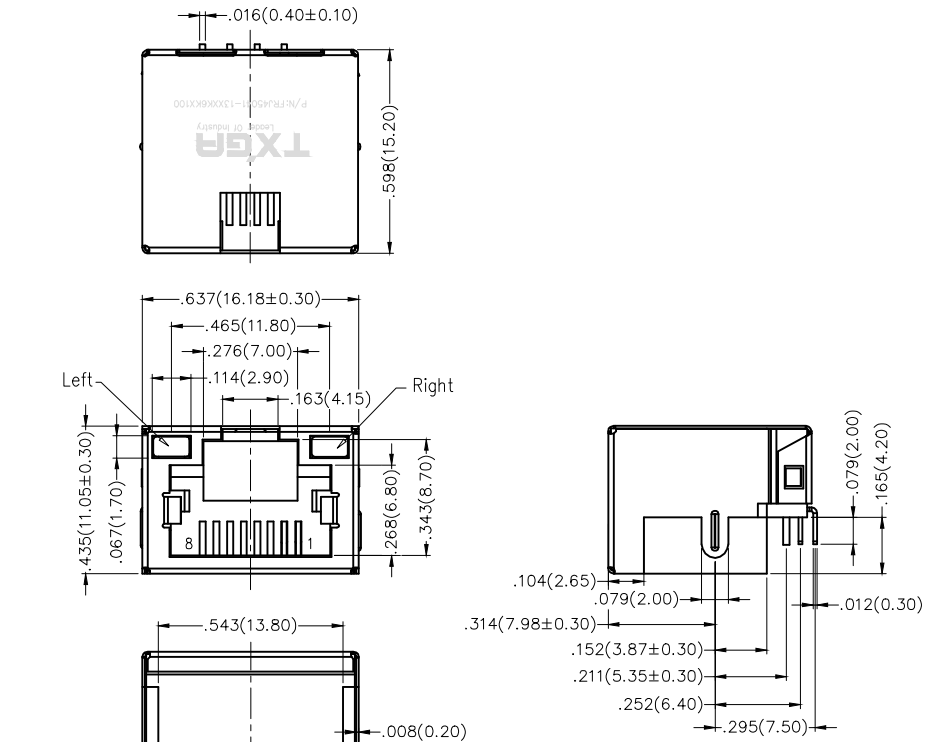
REV	LOCATIONS	DESCRIPTION	DATE	REVISER	APPD
1	⚠1	Part No.: Change FRJ45113 into FRJ45041	31/MAY/18	KATE	ERIC
2	⚠2	Add no LED lights on page 2	29/Sept/24	FAY	ERIC
3	⚠3	Add tape-and-reel drawing	17/NOV/26	HJP	LEO

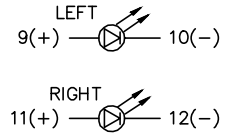


Recommended P.C.Board Layout

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		

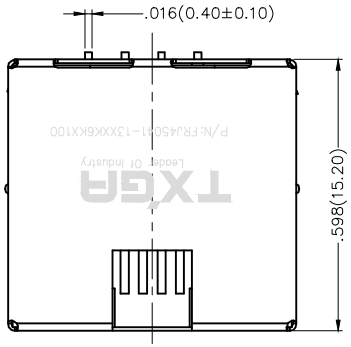
1	Category	2	Distinction No.	3	Ports options	4	Plating	5	Thickness of plating
	FRJ45−RJ45 Connector		041		1−1 Port		3−Selective gold in contact area, tin on tail		00−Gold flash 01−1μ" Custom plate available

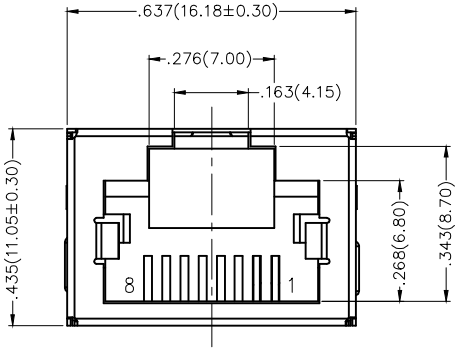
6	Color−Resin	7	Packaging	8	LED style	9	Contact type
	K6−Black		K−Tray M−Reel		0−0: Without LED ⚠2 1−L: Yellow R: Green 2−L: Green R: Yellow		1−Square pin

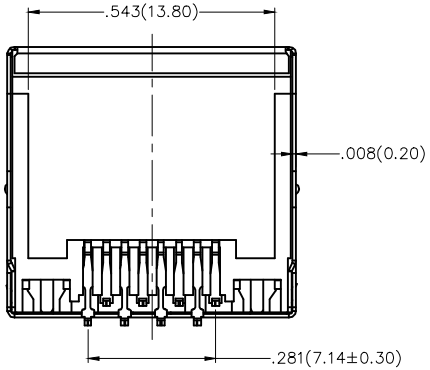
THIRD ANGLE PROJECTION	GENERAL TOLERANCES (UNLESS SPECIFIED)		APPROVE BY	DATE	PART NO. ⚠1	ITEM NO.	TXGA Building Technology Cornerstone
			FRANK	18/JUN/13	FRJ45041−13XXK6XX100	FRJ45041	
DESIGN UNITS Inch (metric)	X.±.012(0.30)	X.°±5°	CHECKED BY	DATE	TITLE RJ45 Connectors 8P8C 90°Angle		REV 3 / SHEET NO. 1/3
	X.X±.008(0.20)	.X°±2°	CHERRY	18/JUN/13			
SCALE 5:1 / SIZE A4	X.XX±.006(0.15)	.XX°±1°	DRAWN BY	DATE			
	X.XXX±.004(0.10)	.XXX°±0.5°	KATE	18/JUN/13			

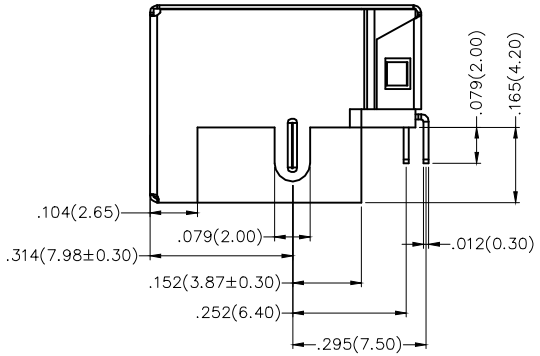
THIS DRAWING CONTAINS INFORMATION THAT IS PROPRIETARY TO TXGA INDUSTRIAL ELECTRONICS(S.Z)CO.,LTD AND SHOULD NOT BE USED WITHOUT WRITTEN PERMISSION

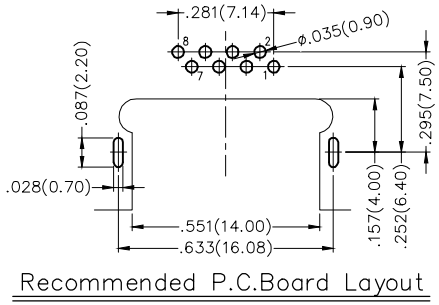
REV	LOCATIONS	DESCRIPTION	DATE	REVISER	APPD
1	⚠1	Part No.: Change FRJ45113 into FRJ45041	31/MAY/18	KATE	ERIC
2	⚠2	Add no LED lights on page 2	29/Sept/24	FAY	ERIC











Recommended P.C.Board Layout

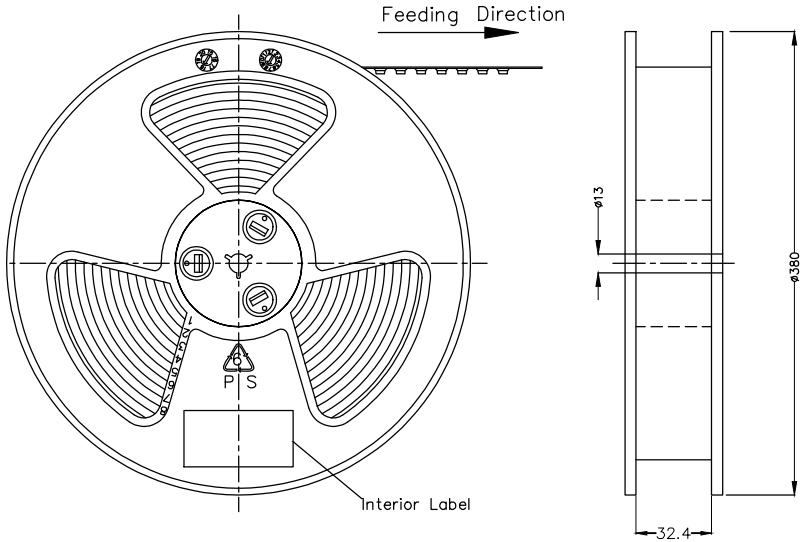
THIRD ANGLE PROJECTION	GENERAL TOLERANCES (UNLESS SPECIFIED)		APPROVE BY FRANK	DATE 18/JUN/13	PART NO. ⚠1 FRJ45041-13XXK6XX100 / ITEM NO. FRJ45041
DESIGN UNITS Inch (metric)	X.±.012(0.30)	X.°±5°	CHECKED BY CHERRY	DATE 18/JUN/13	TITLE RJ45 Connectors 8P8C 90°Angle
	X.X±.008(0.20)	.X°±2°			
	X.XX±.006(0.15)	.XX°±1°	DRAWN BY KATE	DATE 18/JUN/13	
SCALE 5:1	X.XXX±.004(0.10)	.XXX°±0.5°			
SIZE A4					

TXGA Building Technology Cornerstone

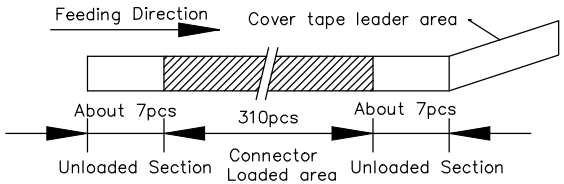
REV 3 | SHEET NO. 2/3

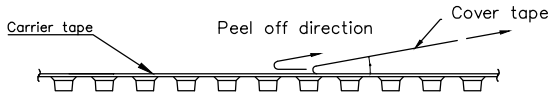
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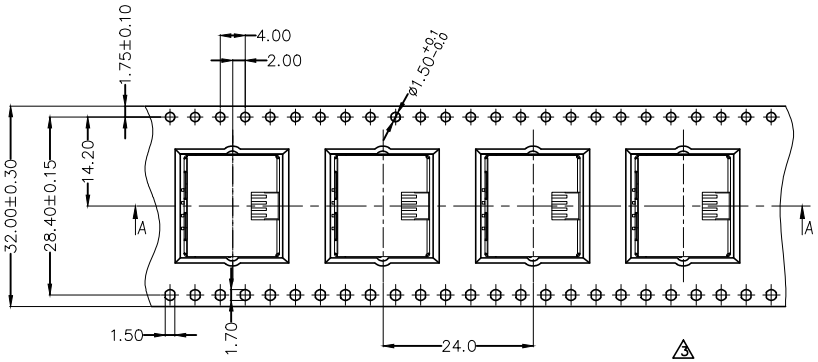
REV	LOCATIONS	DESCRIPTION	DATE	REVISER	APPD

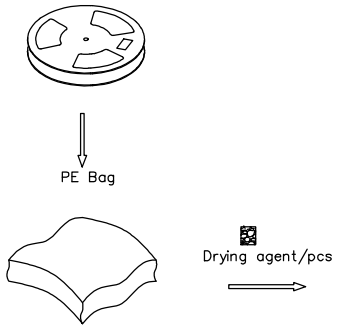


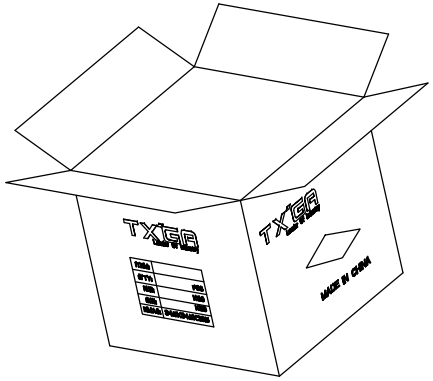
Note:
1.10 sprocket hole cumulative tolerance±0.2
2.Carrier camber is within 1.0mm in 250mm
3.Material: White conductive polystyrene Alloy 100% recyclable
4.All dimensions meet EIA-481-3 requirements
5.Peel off force of cover tape & carrier tape: 20g~130g (0.2N~1.3N)
6.Component load per 13" reel: See table

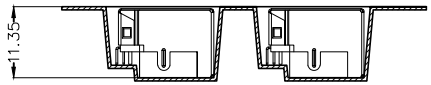












Feeding Direction

THIRD ANGLE PROJECTION	GENERAL TOLERANCES (UNLESS SPECIFIED)		APPROVE BY LEO	DATE 18/JUN/13	PART NO. FRJ45041-13XXK6XX100	ITEM NO. FRJ45041	TXGA Building Technology Cornerstone
DESIGN UNITS METRIC	X. ±0.30	X.° ±5°	CHECKED BY GISELLE	DATE 18/JUN/13	TITLE RJ45 Connectors 8P8C 90°Angle	REV 3	SHEET NO. 3/3
SCALE 1:1	X.X ±0.20	X.X° ±2°					
SIZE A4	X.XX ±0.15	X.XX° ±1°	DRAWN BY HJP	DATE 18/JUN/13			
	X.XXX ±0.10	X.XXX° ±0.5°					

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