

REV	LOCATIONS	DESCRIPTION	DATE	REVISER	APPD
1	△	Structure and dimension change	30/JUN/22	MATT	CHERRY
2		Add reel packaging specifications	08/OCT/23	MATT	CHERRY

SPECIFICATIONS

Electrical

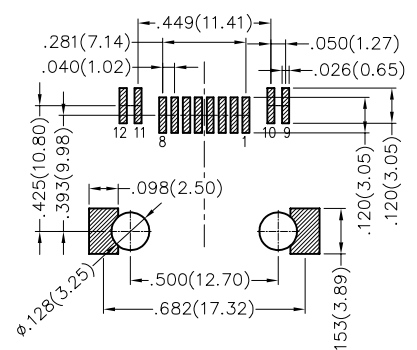
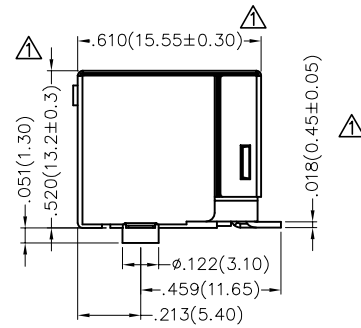
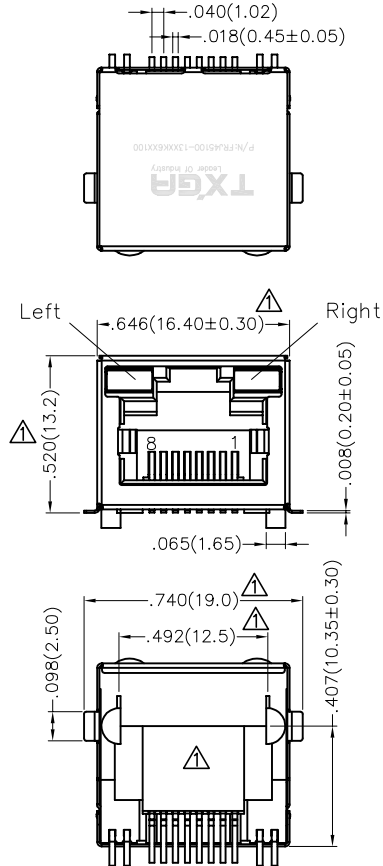
Current Rating: 1.5A AC(rms)/DC
 Voltage Rating: 125V AC(rms)/DC
 Contact Resistance: 30 mΩ Max
 Insulation Resistance: 500 MΩ MIN
 Withstanding Voltage: 1000V AC r.m.s
 Operating Temperature: -40°C~+85°C

Material

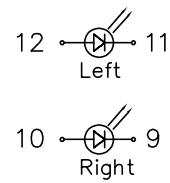
Housing: LCP (UL 94V-0)
 Contact: Phosphor Bronze/Selective gold
 in contact area, tin on tail
 Shell: Copper Alloy/ Nickel plated

LED Specification

Standard LED Color	LED Wavelength	Foward(A)	Foward(V)
Green	568nm	20mA	1.8-2.8V
Yellow	585nm	20mA	1.8-2.8V




Recommended P.C.Board Layout



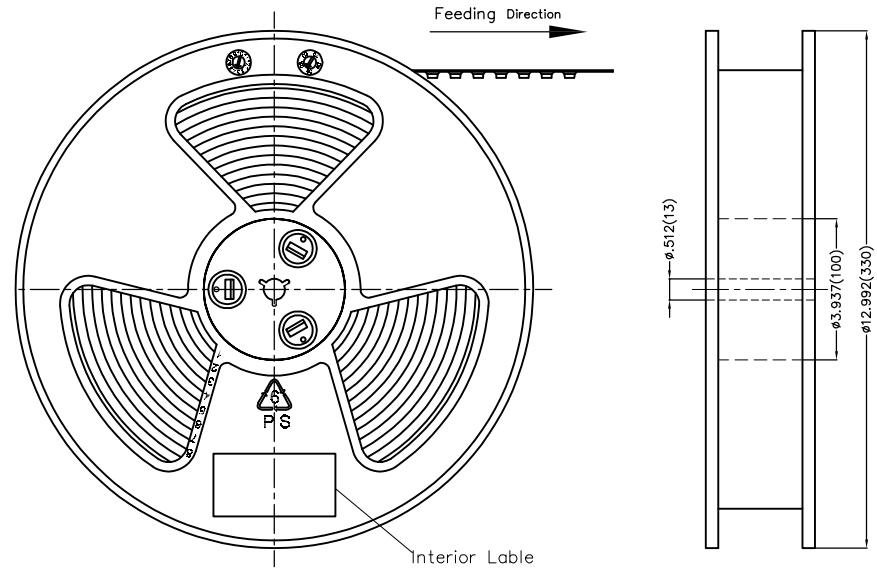
Ordering Information

FRJ45 100 — 1 3 XX K6 X X 1 0 0
 1 2 3 4 5 6 7 8 9

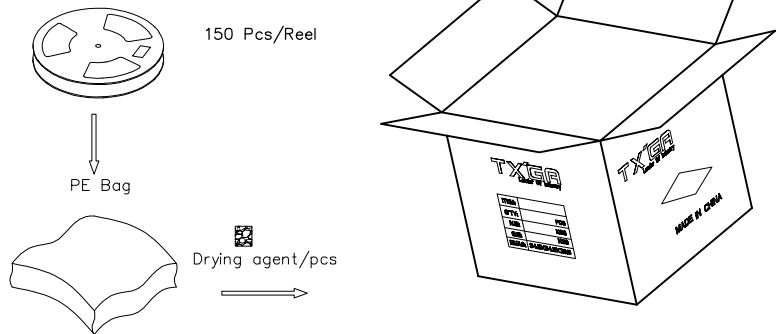
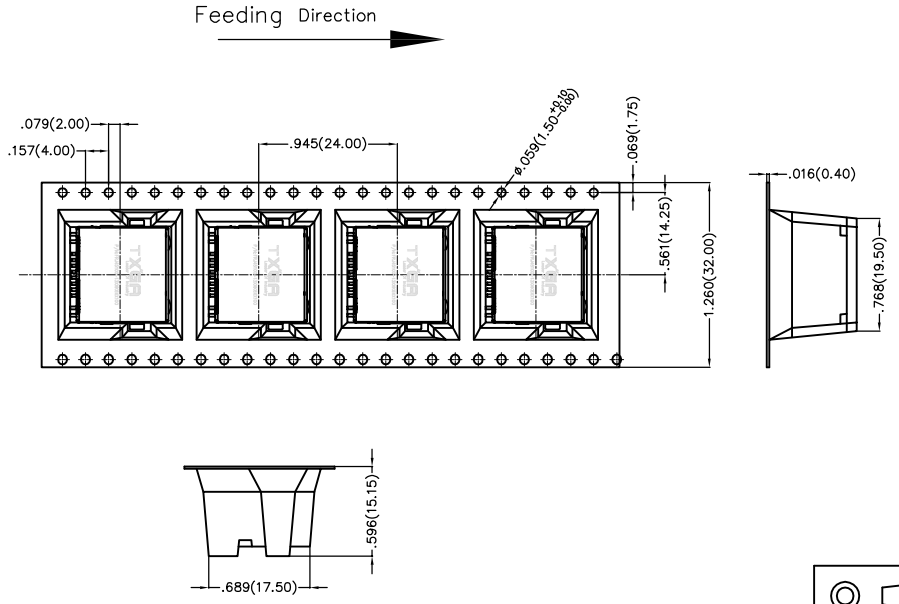
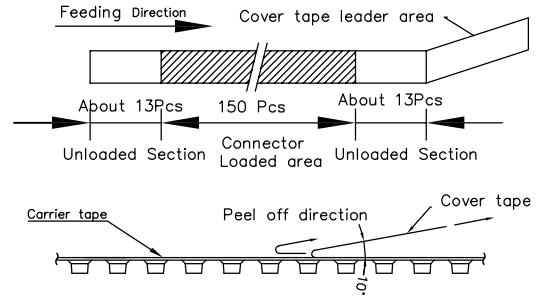
1 Category FRJ45-RJ45 Connector	2 Distinction No. 100	3 Ports options 1-1 Port	4 Plating 3-Selective gold in contact area, tin on tail	5 Thickness of plating 00-Gold flash 06-6μ" Custom plate available
6 Color-Resin K6-Black	7 Packaging M-Reel K-Tray	8 LED style 1-L: Yellow R: Green 2-L: Green R: Yellow	9 Contact type 1-Square pin	

THIRD ANGLE PROJECTION		GENERAL TOLERANCES (UNLESS SPECIFIED)		APPROVE BY	DATE	PART NO.	ITEM NO.	 Building Technology Cornerstone
		X.±0.12(0.30)	X:±5°	FRANK	30/JUN/17	FRJ45100-13XXK6XX100	FRJ45100	
DESIGN UNITS Inch (metric)		X.X±.008(0.20)	.X'±2'	CHECKED BY CHERRY	DATE 30/JUN/17	TITLE RJ45 Connector 8P8C 90° Angle (SMT)		REV 2 SHEET NO. 1/2
SCALE 5:1	SIZE A4	X.XX±.006(0.15)	.XX'±1'	DRAWN BY LXF	DATE 30/JUN/17	THIS DRAWING CONTAINS INFORMATION THAT IS PROPRIETARY TO TXGA INDUSTRIAL ELECTRONICS(S.Z)CO.,LTD AND SHOULD NOT BE USED WITHOUT WRITTEN PERMISSION		
		X.XXX±.004(0.10)	.XXX'±0.5'					

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- 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-C-2003 requirements
 5. Peel off force of cover tape & carrier tape: 20g~130g (0.2N~1.3N)
 6. Component load per 13" reel: 150 pcs



<p>THIRD ANGLE PROJECTION</p>	GENERAL TOLERANCES (UNLESS SPECIFIED)		APPROVE BY	DATE	PART NO.	ITEM NO.	<p>Building Technology Cornerstone</p>	
	X. \pm .012(0.30)	X.' \pm 5'	FRANK	30/JUN/17	FRJ45100-13XXK6XX100	FRJ45100		
	X.X \pm .008(0.20)	.X' \pm 2'	CHECKED BY	DATE	TITLE		REV 2	SHEET NO. 2/2
	X.XX \pm .006(0.15)	.XX' \pm 1'	CHERRY	30/JUN/17	RJ45 Connector 8P8C 90° Angle (SMT)			
SCALE	SIZE	X.XXX \pm .004(0.10)	.XXX' \pm 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			LXF	30/JUN/17			