

REV	LOCATIONS	DESCRIPTION	DATE	REVISER	APPD
1	△	1. Dimension: Change 18.00 into 17.65mm Change 8.64 into 8.82mm Change 13.20 into 13.4mm 3. Part No.: Change FRJ4582 into FRJ45063	31/MAY/18	Vandy	Eric
2	△	Structural and size changes	26/MAY/21	KATE	CHERRY
3	△	1: Structural and size changes 2: Add reel packaging specification 3: Recommended P.C.B Layout Changes	21/SEP/23	MATT	LEO
4	△	Change 17.80±0.25 into 17.70±0.30mm	04/JUL/24	MATT	LEO

SPECIFICATIONS

Electrical
 Current Rating: 1.5A AC(rms)/DC
 Voltage Rating: 125V AC(rms)/DC
 Contact Resistance: 50 mΩ Max
 Insulation Resistance: 500 MΩ Min / DC 500V
 Withstanding Voltage: 1000V AC r.m.s
 Operating Temperature: -40°C~+85°C
 PC plug should bear 10N pulling force without 750 times min.

Material and plating

Housing: LCP (UL 94V-0), Black
 Contact: Phosphor Bronze/ Selective gold on contact area and matte tin on tails area
 Shell: Copper alloy/ Nickel plated

Ordering Information

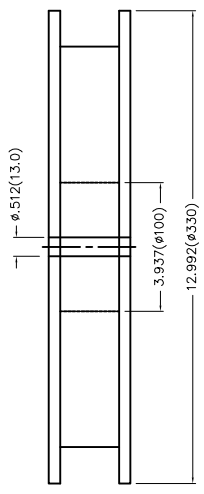
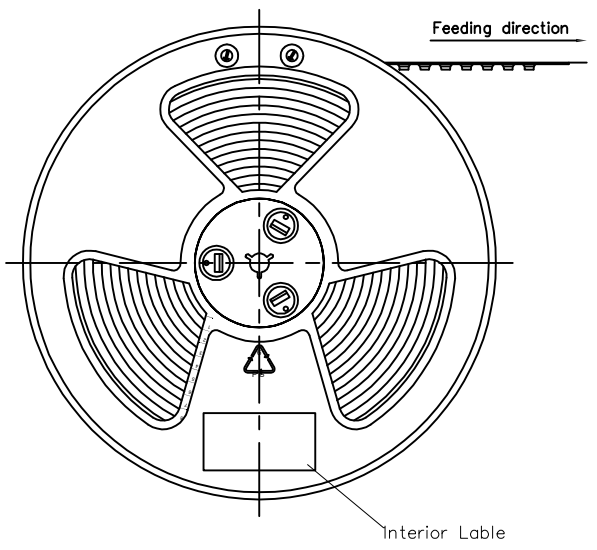
FRJ45 063 — 1 3 XX K6 X 0 1 0 0
 1 2 3 4 5 6 7 8

1 Category FRJ45-RJ45 Connector	2 Distinction No. 063	3 Ports options 1-1 Port	4 Plating 3-Selective gold on contact area, matte tin on tail
5 Thickness of plating 00-Gold flash 03-3μ" Custom plate available	6 Color-Resin K6-Black	7 Packaging K-Tray M-Reel	8 Contact type 1-Square pin

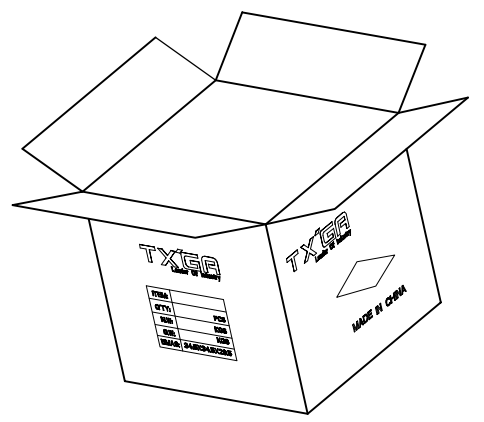
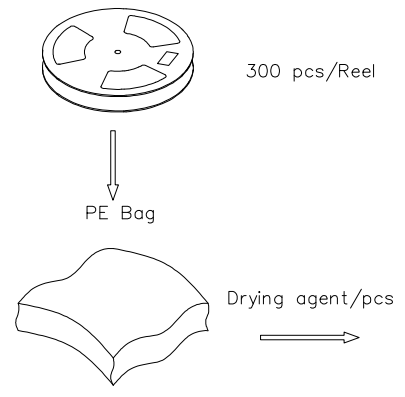
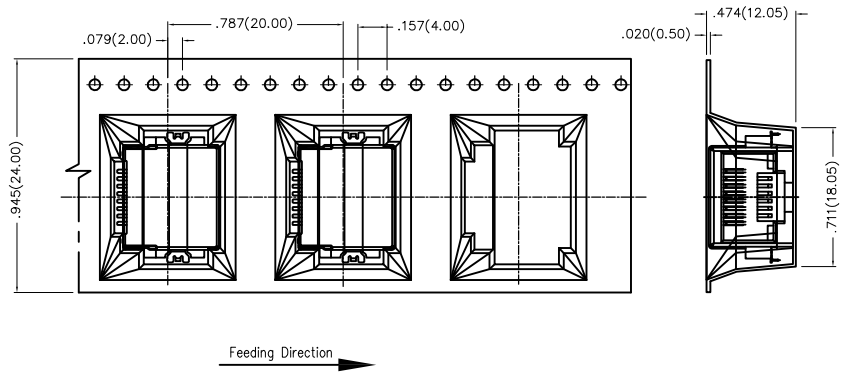
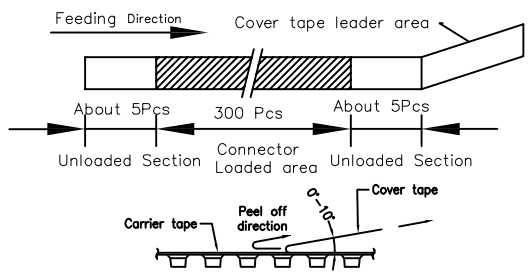
Recommended P.C.Board Layout △

THIRD ANGLE PROJECTION	GENERAL TOLERANCES (UNLESS SPECIFIED)		APPROVE BY FRANK	DATE 1/AUG/13	PART NO. △ FRJ45063-13XXK6X0100	ITEM NO. FRJ45063	 Building Technology Cornerstone
	DESIGN UNITS Inch (metric)	X.±.012(0.30) X'.±5'	CHECKED BY CHERRY	DATE 1/AUG/13	TITLE RJ45 Connector 8P8C 90° Angle		
SCALE 5:1	SIZE A4	X.XX±.006(0.15) .XX'±1'	DRAWN BY JACOB	DATE 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		

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- Note:
- 10 sprocket hole cumulative tolerance ± 0.2
 - Carrier camber is within 1.0mm in 100mm
 - Material: White Conductive polystyrene Alloy 100% recyclable
 - All dimensions meet EIA-481-3 requirements
 - Component load per 13" reel: 300 pcs



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	X.±.012(0.30)	X.±5'	FRANK	1/AUG/13	FRJ45063-13XXK6X0100	FRJ45063	
	X.X±.008(0.20)	.X'±2"	CHECKED BY	DATE	TITLE		
	X.XX±.006(0.15)	.XX'±1"	CHERRY	1/AUG/13	RJ45 Connector 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			JACOB	1/AUG/13	REV 4	SHEET NO. 2/2