

REV	LOCATIONS	DESCRIPTION	DATE	REVISER	APPD
1	△	1. Dimension: Change 15.9 into 15.9±0.20mm Change 21.5 into 21.3mm Change 3.20 into 3.20±0.25mm Change 4.70 into 4.57mm 2. Part No.: Change FRJ4504 into FRJ45004	01/JUN/18	Vandy	Eric
2	△	Structure change	16/JAN/20	KATE	CHERRY
3	△	Change the structure and add dimensions	08/JUL/20	KATE	CHERRY
4	△	Change the structure	05/FEB/21	KATE	CHERRY
5	△	Change to Date Code	13/Jan/26	NICK	LEO

**SPECIFICATIONS**

**Electrical**

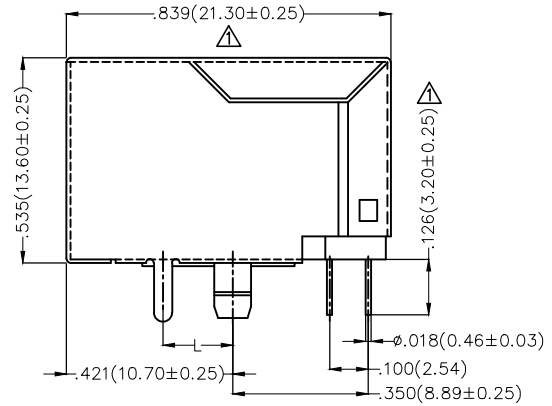
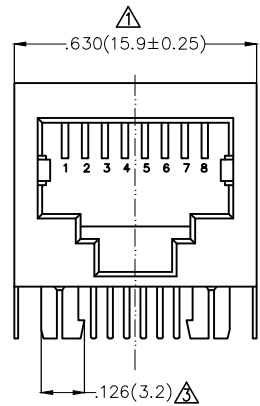
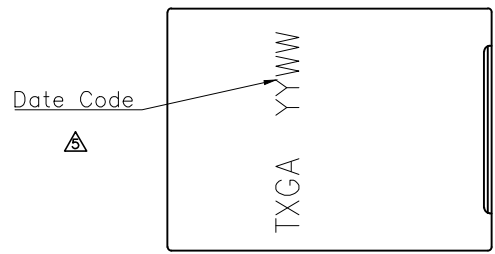
Current Rating: 1.5A AC(rms)/DC  
Voltage Rating: 125V AC(rms)/DC  
Contact Resistance: 30 mΩ Max  
Insulation Resistance: 500 MΩ MIN  
Withstanding Voltage: 1000V AC r.m.s  
Operating Temperature: -40°C~+85°C

**Material and Plating**  
Housing: PBT UL 94V-0  
Contact: Phosphor Bronze/ Gold plated  
Shell: Copper alloy/ Nickel plated

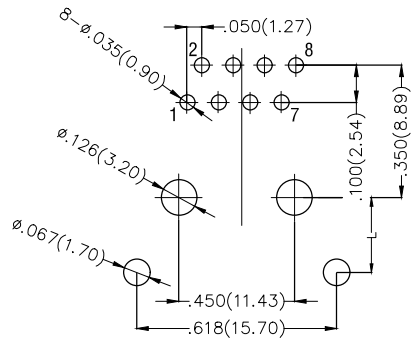
**Ordering Information**

FRJ45 004 — 1 1 XX K6 K 0 2 X 0  
1 2 3 4 5 6 7 8 9

1	Category FRJ45-RJ45 Connector	2	Distinction No. 004	3	Ports options 1-1 Port	4	Plating 1-Gold Plated		
5	Thickness of plating 00-Gold flash 03-3μ" Custom plate available	6	Color-Resin K6-Black	7	Packaging K-Tray	8	Contact type 2-Round pin	9	distinction type B-B type D-D type F-F type

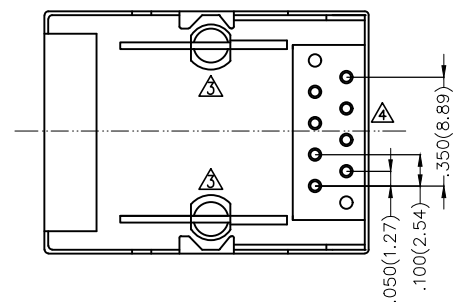


(B,D,F)



(B,D,F)

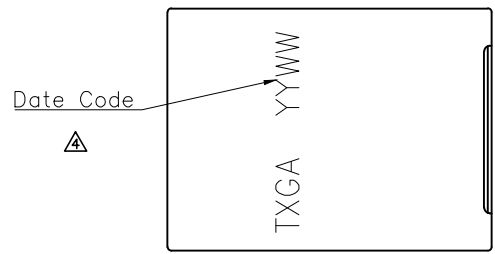
Recommended P.C.Board Layout



Type	Part No.	Dimensions(in/mm)
		L
B	FRJ45004-11XXK6K02B0	.145(3.68)
D	FRJ45004-11XXK6K02D0	.180(4.57) △
F	FRJ45004-11XXK6K02F0	.120(3.05)

 <b>THIRD ANGLE PROJECTION</b>	GENERAL TOLERANCES (UNLESS SPECIFIED)		APPROVE BY FRANK	DATE 18/JUN/13	PART NO. △ FRJ45004-11XXK6K02X0	ITEM NO. FRJ45004	 <b>TXGA</b> Leader Of Industry
	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'	DRAWN BY KEVIN	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		
	X.XX±.006(0.15)	.XX'±1'			REV 5	SHEET NO. 1/1	
SCALE 5:1	SIZE A4	X.XXX±.004(0.10)	.XXX'±0.5'				

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2	△	Structure change	16/JAN/20	KATE	CHERRY
3	△	Change the structure and add dimensions	08/JUL/20	KATE	CHERRY
4	△	Change to Date Code	13/Jan/26	NICK	LEO



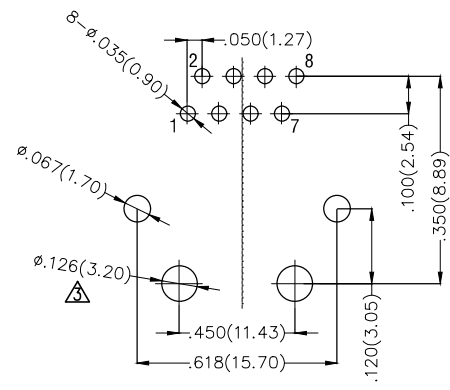
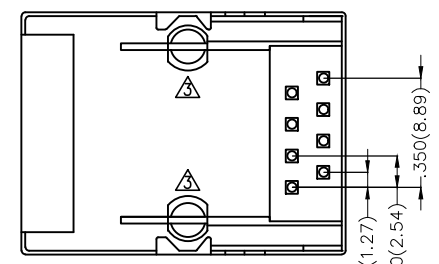
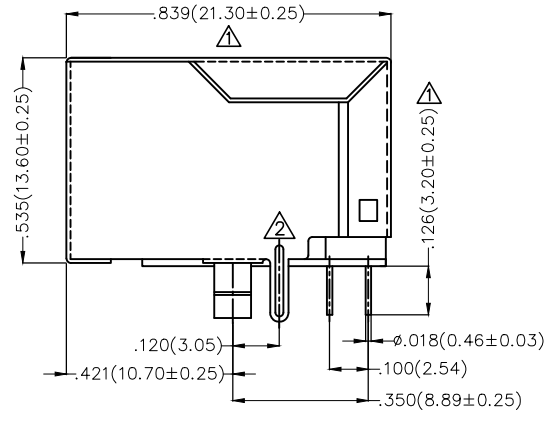
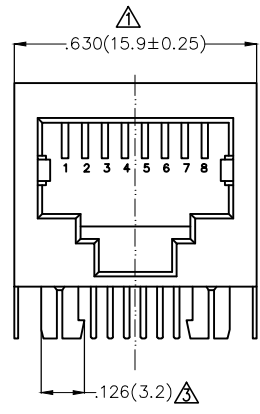
**SPECIFICATIONS**

**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 and Plating**

Housing: PBT UL 94V-0  
Contact: Phosphor Bronze/ Gold plated  
Shell: Copper alloy/ Nickel plated



Recommended P.C.Board Layout

**Ordering Information**

FRJ45 004 — 1 1 XX K6 K 0 2 C 0

1 2 3 4 5 6 7 8 9

1	Category	2	Distinction No.	3	Ports options	4	Plating		
	FRJ45-RJ45 Connector		004		1-1 Port		1-Gold Plated		
5	Thickness of plating	6	Color-Resin	7	Packaging	8	Contact type	9	distinction type
	00-Gold flash 03-3μ" Custom plate available		K6-Black		K-Tray		2-Round pin		C-C type

<p>THIRD ANGLE PROJECTION</p>	GENERAL TOLERANCES (UNLESS SPECIFIED)		APPROVE BY	DATE	PART NO. △	ITEM NO.	<p>Leader Of Industry</p>	
	X.±.012(0.30)	X.±5'	FRANK	18/JUN/13	FRJ45004-11XXK6K02C0	FRJ45004		
DESIGN UNITS Inch (metric)	X.X±.008(0.20)	X.±2'	CHECKED BY	DATE	TITLE		REV 4	SHEET NO. 1/1
SCALE	X.XX±.006(0.15)	.XX±1'	CHERRY	18/JUN/13	RJ45 Connectors 8P8C 90°Angle			
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			KEVIN	18/JUN/13				

REV	LOCATIONS	DESCRIPTION	DATE	REVISER	APPD
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2		Structure change	09/JUL/20	KATE	CHERRY
3		Change to Date Code	13/Jan/26	NICK	LEO

**SPECIFICATIONS**

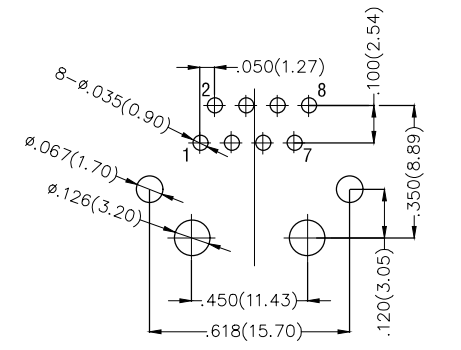
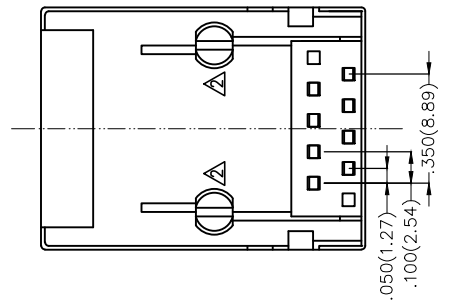
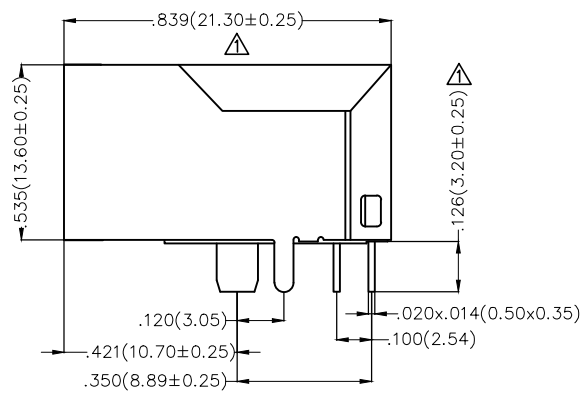
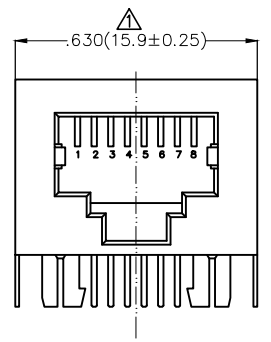
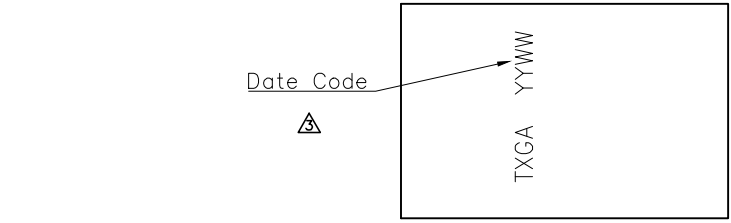
Electrical  
 Current Rating: 1.5A AC(rms)/DC  
 Voltage Rating: 125V AC(rms)/DC  
 Contact Resistance: 30 mΩ Max  
 Insulation Resistance: 500 MΩ MIN  
 Withstanding Voltage: 1000V AC r.m.s  
 Operating Temperature: -40°C~+85°C

Material and Plating  
 Housing: PBT UL 94V-0  
 Contact: Phosphor Bronze/ Selective gold plated on contact area, matte tin plated on tails.  
 Shell: Copper alloy/ Nickel plated

**Ordering Information**

FRJ45 004 — 1 3 XX K6 K 0 1 E 0  
 1 2 3 4 5 6 7 8 9

1	Category FRJ45-RJ45 Connector	2	Distinction No. 004	3	Ports options 1-1 Port	4	Plating 3-Selective gold on 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	Contact type 1-Square pin	9	distinction type E-E type



Recommended P.C.Board Layout

	GENERAL TOLERANCES (UNLESS SPECIFIED)		APPROVE BY FRANK	DATE 18/JUN/13	PART NO. FRJ45004-13XXK6K01E0	ITEM NO. FRJ45004	 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 CHERRY	DATE 18/JUN/13	TITLE RJ45 Connectors 8P8C 90°Angle	
SCALE 5:1	SIZE A4	DRAWN BY KEVIN		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		