

REV	LOCATIONS	DESCRIPTION	DATE	REVISER	APPD
1	△	1. Add the "TXGA" logo 2. Part No.: Change FRJ4528 into FRJ45028	31/MAY/18	Vandy	Eric
2	△	Update dimensions and tolerances	05/JAN/24	MATT	LEO

SPECIFICATIONS

Electrical Performances

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
Temperature Range—Operating: -40°C~+85°C

Material and Plating

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

Mechanical Performances

Mating/Unmating Force: 30N Max
Retention Strength: 50N For 60s±5s
Durability: 750 Cycles Min.

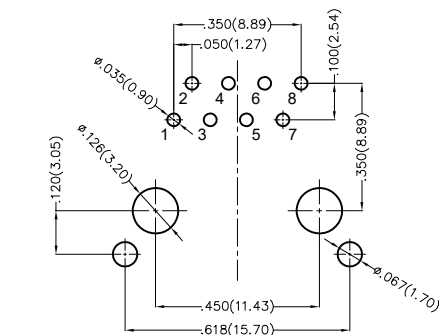
Environmental Characteristics

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Ordering Information

FRJ45 028 — 1 1 XX K6 K 0 2 0 0
1 2 3 4 5 6 7 8

1	Category FRJ45—RJ45 Connector	2	Distinction No. 028	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



Recommended P.C.Board Layout

 THIRD ANGLE PROJECTION		GENERAL TOLERANCES (UNLESS SPECIFIED)		APPROVE BY FRANK	DATE 1/AUG/13	PART NO.  FRJ45028-11XXK6K0200	ITEM NO. FRJ45028	 Building Technology Cornerstone	
				CHECKED BY CHERRY	DATE 1/AUG/13	TITLE RJ45 Connector 8P8C 180° Vertical			
DESIGN UNITS Inch (metric)		X.±.012(0.30)	X'.±5'	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	
SCALE 5:1		X.X±.008(0.20)	.X'±2'						
SIZE A4		X.XX±.006(0.15)	.XX'±1'						
		X.XXX±.004(0.10)	.XXX'±0.5'			REV 2		SHEET NO. 1/1	

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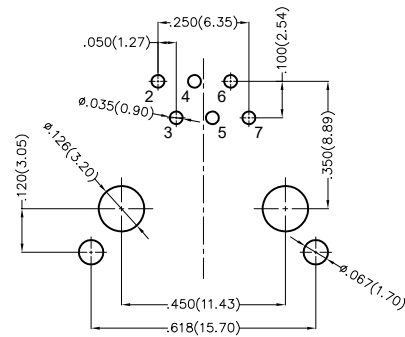
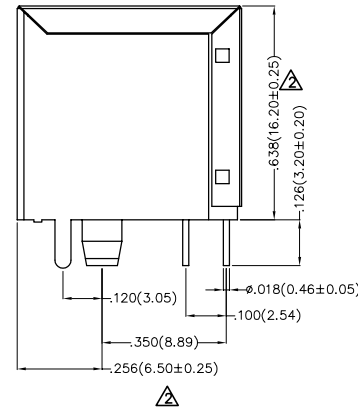
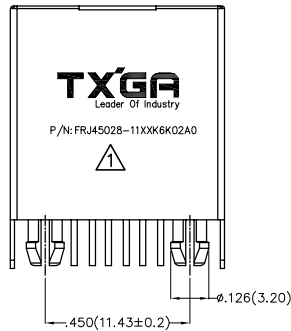
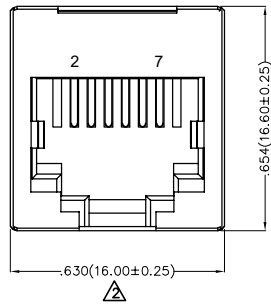
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5	<u>Thickness of plating</u> 00—Gold flash 03—3μ" Custom plate available	6	<u>Color—Resin</u> K6—Black	7	<u>Packaging</u> K—Tray	8	<u>Contact type</u> 2—Round pin	9	<u>distinction type</u> A—A type (Canceled NO.1,8 Circuits)

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		X.±.012(0.30)	X'±5'	CHECKED BY	DATE	TITLE			
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