

REV	LOCATIONS	DESCRIPTION	DATE	REVISER	APPD
1	△	Part No.: Change FRJ45109 into FRJ45043	31/MAY/18	KATE	ERIC
2	△	Change .125(Ø3.20) into .134(Ø3.40)	22/OCT/21	KATE	CHERRY
3	△	Structural dimension change	16/MAY/22	MATT	CHERRY

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

Material and Plating

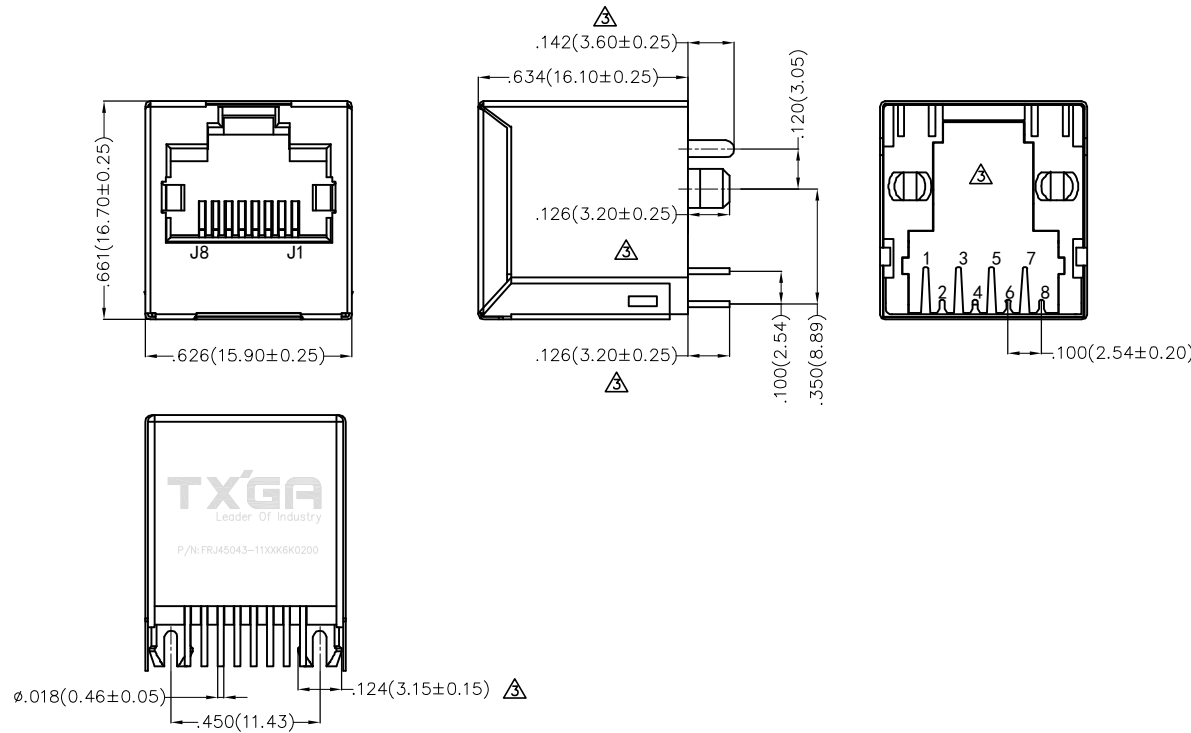
Housing: PA46 UL94V-0,
Contact: Phosphor Bronze/Gold Plated
Shell: Copper Alloy/Nickel Plated

Mechanical Performances

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

Environmental Characteristics

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




Recommended P.C.Board Layout

Tolerances: ±.002(0.50)

Ordering Information

FRJ45 043 — 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. 043	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		

THIRD ANGLE PROJECTION	GENERAL TOLERANCES (UNLESS SPECIFIED)		APPROVE BY FRANK	DATE 27/MAY/16	PART NO. △ FRJ45043-11XXK6K0200	ITEM NO. FRJ45043	 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 KEVIN	DATE 27/MAY/16	TITLE RJ45 Connector 8P8C 180° Vertical	
SCALE 5:1	SIZE A4		DRAWN BY CHERRY	DATE 27/MAY/16	THIS DRAWING CONTAINS INFORMATION THAT IS PROPRIETARY TO TXGA INDUSTRIAL ELECTRONICS(S.Z)CO.,LTD AND SHOULD NOT BE USED WITHOUT WRITTEN PERMISSION		REV 3 SHEET NO. 1/1