

REV	LOCATIONS	DESCRIPTION	DATE	REVISER	APPD
1	△	Size changes	04/JUN/24	MATT	LEO

SPECIFICATIONS

Electrical

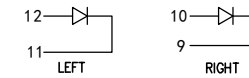
Current Rating: 1.5A AC(rms)/DC
Voltage Rating: 125V AC(rms)/DC
Contact Resistance: 30 mΩ Max
Insulation Resistance: 500 MΩ Min / DC 500V
Withstanding Voltage: 1000V AC r.m.s
Operating Temperature: -40°C~+85°C

Mechanical

Durability: 750 cycles Min.
Mating force: 2.2KG.F Max.
Retention force: 7.7KG.F between jack and plug

Material and plating

Housing: PBT (UL 94V-0), White
Contact: Phosphor Bronze/ Gold plated on contact area
Shell: Brass/Nickel Plated



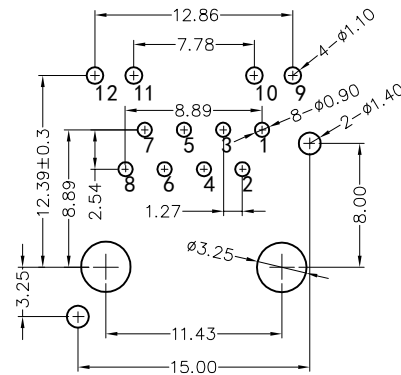
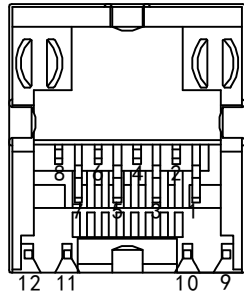
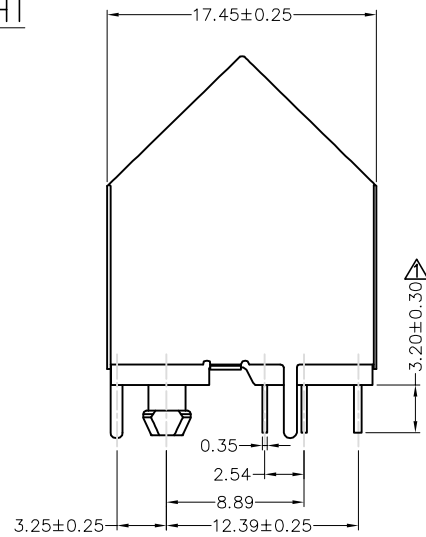
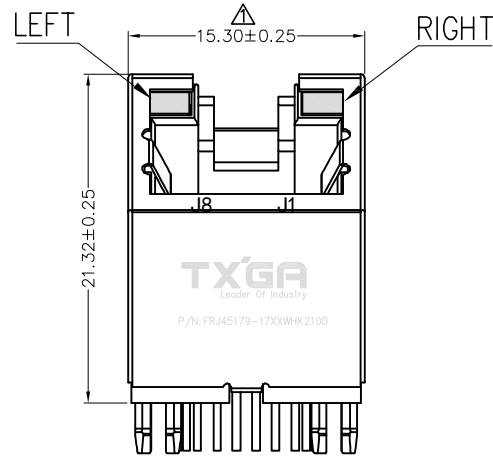
LED Specification

Standard LED Color	LED Wavelength	Foward(A)	Foward(V)
Green	568nm	20mA	1.85-2.45V
Yellow	585nm	20mA	1.7-2.2V

Ordering Information

FRJ45 179 - 1 7 XX WH K 2 1 0 0
1 2 3 4 5 6 7 8 9

1 Category FRJ45-RJ45 Connector	2 Distinction No. 179	3 Ports options 1-1 Port	4 Plating 7-Selective gold plated on contact area and matte tin plated on tails area
5 Thickness of plating 06-6μ" Custom plate available	6 Color-Resin WH-White	7 Packaging K-Tray	8 LED style 2-L: Green R: Yellow
		9 Contact type 1-Square Pin	



Recommended P.C.Board Layout

Tolerances: ±0.05

 THIRD ANGLE PROJECTION	GENERAL TOLERANCES (UNLESS SPECIFIED)		APPROVE BY FRANK	DATE 13/APR/22	PART NO. FRJ45179-17XXWHK2100	ITEM NO. FRJ45179	 Leader Of Industry
	X.±0.30	X.±5°	CHECKED BY CHERRY	DATE 13/APR/22	TITLE RJ45 Connector 8P8C 45° Angle		
DESIGN UNITS Metric	X.X±0.20	.X'±2°	DRAWN BY MATT	DATE 13/APR/22	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	SIZE A4	X.XX±0.15					
		X.XXX±0.10					