

REV	LOCATIONS	DESCRIPTION	DATE	REVISER	APPD



**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**

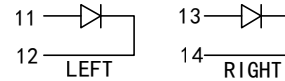
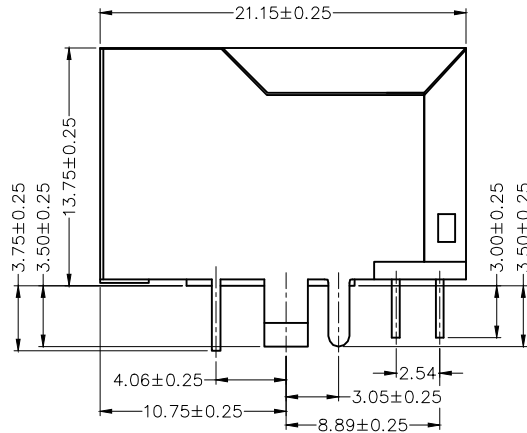
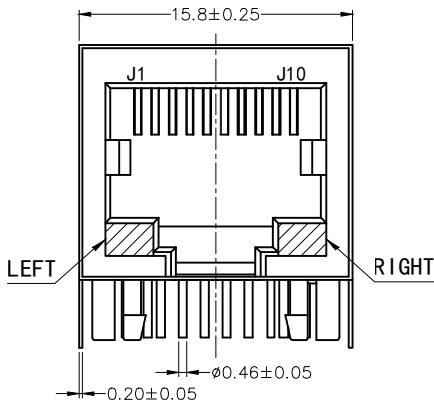
Durability: 750 cycles Min.  
 Insertion force: 2.2 Kgf Max.  
 Retention strength: 7.7 Kgf between jack and plug

**Material and plating**

Housing: PA46 (UL 94V-0), Black  
 Contact: Phosphor Bronze/ Gold plated  
 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



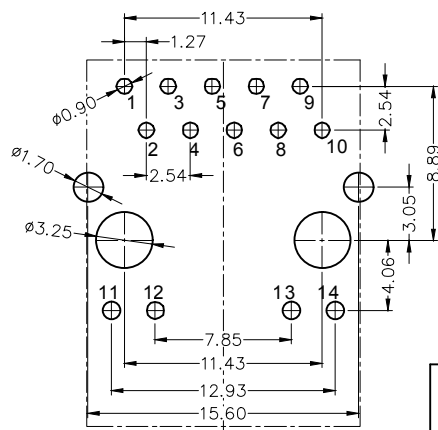
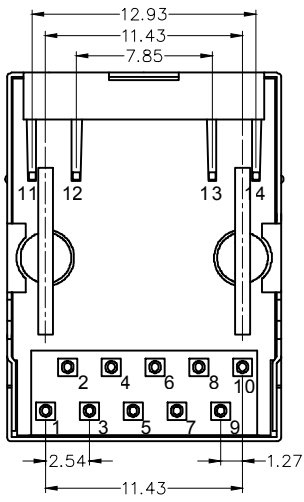
**Ordering Information**

FRJ45 165 - 1 1 XX BK K X 2 0 0  
 1 2 3 4 5 6 7 8 9

- 1 Category: FRJ45-RJ45 Connector
- 2 Distinction No.: 165
- 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: BK-Black
- 7 Packaging: K-Tray
- 8 LED style: 1-L: Yellow R: Green, 2-L: Green R: Yellow
- 9 Contact type: 2-Round pin

A  
B  
C  
D  
E  
F

A  
B  
C  
D  
E  
F



Recommended P.C.Board Layout  
 Tolerances: ±0.05

<p>THIRD ANGLE PROJECTION</p>	GENERAL TOLERANCES (UNLESS SPECIFIED) X. ±0.30 X.* ±5° X.X ±0.20 X.X* ±2° X.XX ±0.15 X.XX* ±1° X.XXX ±0.10 X.XXX* ±0.5°		APPROVE BY FRANK CHECKED BY CHERRY DRAWN BY KATE	DATE 26/MAR/21 DATE 26/MAR/21 DATE 26/MAR/21	PART NO. FRJ45165-11XXBKX200 TITLE RJ45 Connector 10P10C 90° Angle	ITEM NO. FRJ45165	<p>Leader Of Industry</p>
	SCALE 5:1 SIZE A4	REV 0 SHEET NO. 1/1	THIS DRAWING CONTAINS INFORMATION THAT IS PROPRIETARY TO TXGA INDUSTRIAL ELECTRONICS(S.Z)CO.,LTD AND SHOULD NOT BE USED WITHOUT WRITTEN PERMISSION				