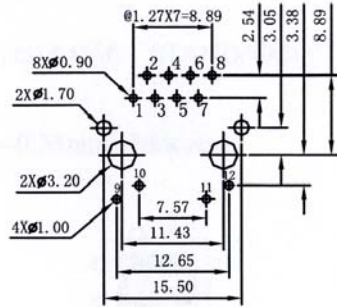


1 2 3 4 5 6 7 8 9

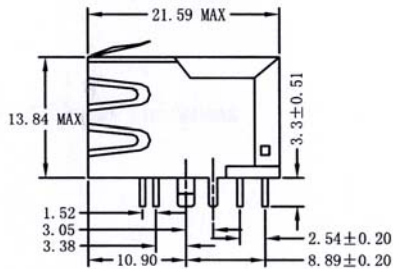
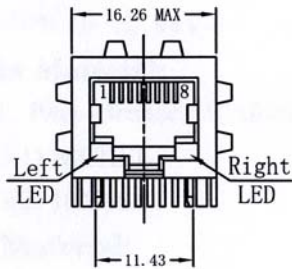
A



PC Board Layout  
Component Side Shown

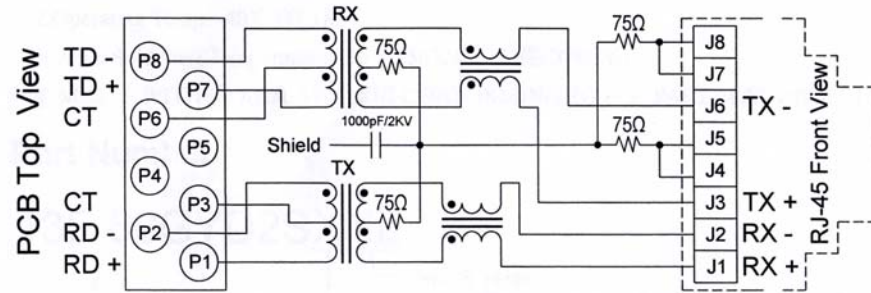
B

C



Unit: mm Unless otherwise specified, all tolerances are ±0.25

### Schematics



### SPECIFICATIONS

- Housing Material: Nylon UL94V-0, Black
- Insert Material: Phosphor Bronze, Nickel over Gold Plating
- Plating Material: PBT-4830 +30% GF UL94V-0
- Contact Material: Phosphor Bronze, Nickel Plating
- Shielding Material: Brass, Nickel Plating
- Insertion loss: -1.0 dB (0.3-100MHz)
- Return loss: -18dB (1-30MHz), -16dB(40MHz), -12dB(50MHz), -10dB(60-80MHz)
- Crosstalk: -40dB(30MHz), -35dB(60MHz), -30dB(100MHz)
- HIPOT test: 1,500 VRMS/0.5mA 2sec
- OCL: 350µH min. @ 100KHz/0.1v, 8mA DC
- Operating temp.: -40°C to +85°C

Series	Positions	Contacts	Body Style	Color	Plating	Options	Panel Grounds
CTJ	8	08	F1360LXX	BK	PX	XX	PGX
Modular Jack	8 Positions	8 Contacts	F1360LXX Style (XX=LED Colors) Y=Yellow G=Green	BK=Black	P1=15u" gold P2=30u" gold P3=50u" gold	[blank]=None FS=Full Shield	Blank=None 2=Top 4=Sides 6=Top & Sides

RoHS compliant

Rev.	Description	Date	Approved	Drawing	Name	Date
				Approved	Howard	03/20/08
				Checked	Lizzy	03/20/08
				Drawn	Tina	03/20/08
				0.0 ± 0.35	0.00 ± 0.20	Angles ± 3°
				UNIT: mm		

**Central Components Manufacturing**  
 440 Lincoln Blvd., Middlesex, New Jersey 08846  
 Phone 732 469-5720 888 288-5152 Fax 732 469-1919

Part No.: **CTJ-8-08-F1360LXX-BK-PX-FS-PG6**

Description: 10/100 Base-T Single Port RJ-45 Jack

G

1 2 3 4 5 6 7 8 9