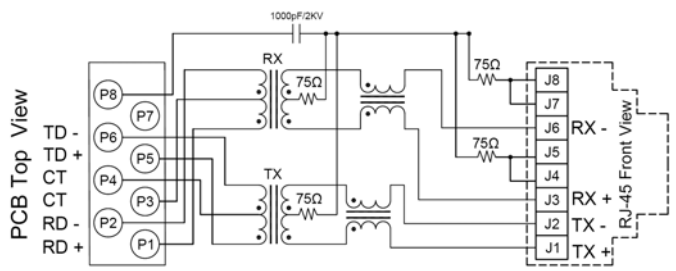


Unit: mm Unless otherwise specified, all tolerances are ±0.25



SPECIFICATIONS

Turn Ratio (±5%):
 Inductance (100KHz/0.1V@8mA):
 Insertion Loss (dB MAX):
 Return Loss (dB MIN):

1CT:1CT
 350uH MIN
 -1.1dB (0.5-100MHz)
 -18dB (0.5-30MHz), -18+20log(f/30MHz)dB(30-60MHz)

Cross talk(dB MIN):
 CMR(dB MIN):
 HI-POT(Pri to Sec):
 Operating Temperature:
 Housing Material:
 Insert Material:

-35dB(0.5-40MHz).-33+20log(f/50MHz)dB(40-100MHz)
 -30dB(0.5-100MHz)
 1500Vrms/0.5mA/60Sec or 1650Vrms/0.5mA/2Sec
 0C to +70C
 Nylon GF UL94V-0, Black
 Phosphor Bronze C5210 EH-0.35mm Thickness

Plate Material:
 Contact Material:

PBT GF UL94V-0
 Plating (1) Nickel
 Plating (2) 100%Sn
 Plating (3) Gold (3U"-50u")
 PBT GF UL94V-0
 Phosphor Bronze C5191-0.35mm Thickness

Shielding Material:
 Operating Life:
 Storage Temp:
 Operating Temp:

Brass C2680 Plating Nickel
 750 Cycles Min
 40°C to +85°C
 0°C to +70°C

RoHS compliant

Series	Positions	Contacts	Type	Color	Plating	Options	Panel Grounds
CTJ	8	08	46F1225XX	BK	PX	XX	PGX
Modular Jack	8=8 Positions	08=8 Contacts	Omit LXX=no LED; Left then right LED: R=Red; G=Green; Y=Yellow; O=Orange; A=Amber; D=Red/Green; W=Yellow/Green; P=Orange/Green	BK=Black	P1=15u" Gold P2=30u" Gold P3=50u" Gold	Blank=None FS=Full Shield	[blank]=None 2=Top 4=Side 6=Top and sides

Rev.	Description	Date	Approved	Drawing	Name	Date
				Approved	Howard	12/22/10
				Checked	Lizzy	12/22/10
				Drawn	Tina	12/22/10
				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-8-08-46F1225GY-BK-PX-FS-PG6**

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

