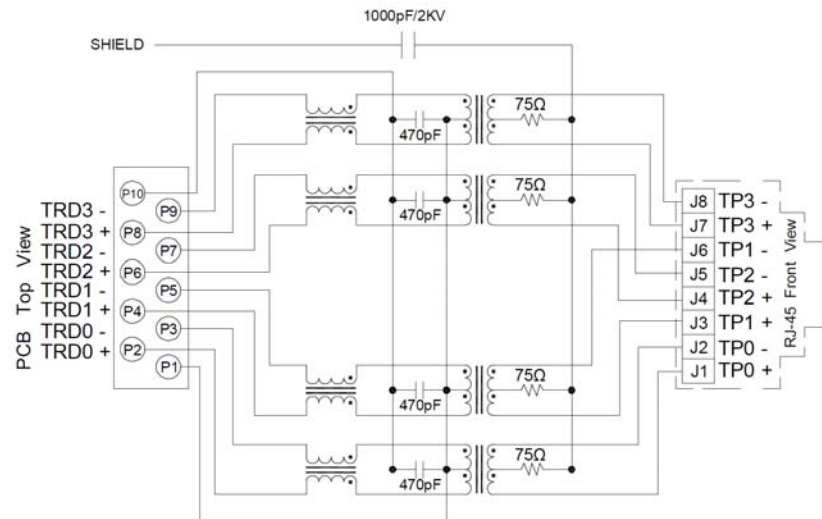


PC Board Layout
Component Side Shown



Standard LED	Wavelength	Forward* V(MAX)	TYP
Green	565nm	2.5v	2.2v
Yellow	585nm	2.5v	2.1v
Orange	610nm	2.5v	2.1v

With a forward current of 20mA



RoHS compliant

Rev.	Description	Date	Approved	Drawing	Name	Date
				Approved	Howard	12/19/05
				Checked	Lizzy	12/19/05
				Drawn	Tina	12/19/05
				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-USB-8-08-M45F10223LXX-P0-S**

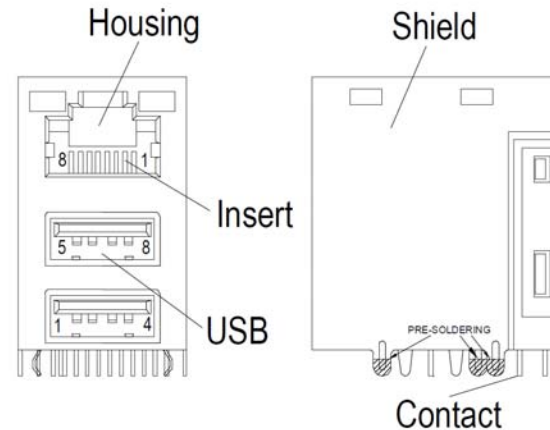
Description: RJ45 1000 Base-TX Jack/Dual USB Combo

SPECIFICATIONS

Turn Ratio ($\pm 3\%$): 1CT:1CT
 OCL (100KHz0.1V@8mA): 350uH Min
 Insertion Loss (dB Max): -1.0dB(300-999KHz), -0.6dB(1-60MHz), -0.8dB
 (60-80MHz), -1.0dB(80-100MHz), -2.4dB(100-125MHz)
 Return Loss (dB MIN): -18dB(1-40MHz), -12+20log (f/80MHz)dB(40-100MHz)
 Cross Talk (dB TYP): -30dB(1-29.9MHz), -28dB(30-250MHz), -26dB(250-375MHz)
 DCMR (dB TYP): -30dB(1-30MHz), -26dB(30-375MHz)
 CMR (dB TYP): -19dB (1-270MHz), -18dB(270-300MHz), -17dB(300-500MHz)
 HI-POT (Pri to Sec): 1500Vrms
 Operating Temperature: -40C ~ +85C

MECHANICAL

Housing Material: Nylon 66
 Insert Material
 RJ Upper Support: Nylon66 UL94V-0
 Contact: Phosphor Bronze
 Plating Gold (6u"~50u")
 Contact Pin Material
 RJ Upper Support: Nylon66 UL94V-0
 Contact: SUS430
 Shielding Material
 1 Material: Brass, C2680R-H
 2 Material: Stainless, SUS
 USB
 Housing: Thermoplastic UL94V-0, Black
 Contact: Copper Alloy (t=0.25mm)
 Shell: Copper Alloy (t=0.30mm)
 Solder Tail: Tin Plated Contact Area 1u" Gold Plated
 Storage/Operating Temp: -40C to +85C
 Peak Temperature: 250 \pm 10C @ 5 Sec Max



Rev.	Description	Date	Approved	Drawing	Name	Date
				Approved	Howard	12/19/05
				Checked	Lizzy	12/19/05
				Drawn	Tina	12/19/05
				0.0 \pm 0.35	0.00 \pm 0.20	Angles \pm 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-USB-8-08-M45F10223LXX-P0-S**

Description: RJ45 1000 Base-TX Jack/Dual USB Combo

