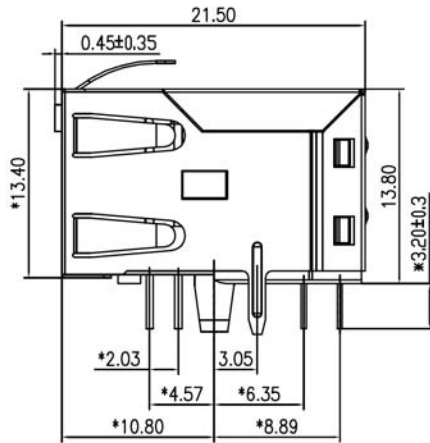
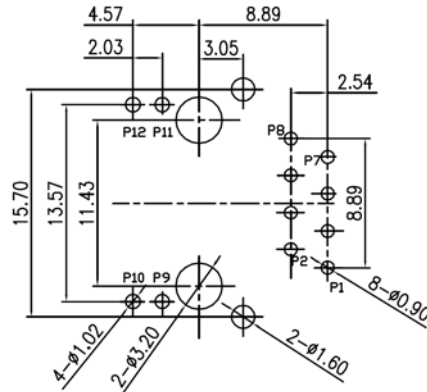
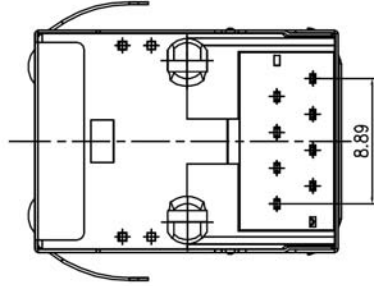
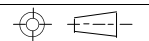


SPECIFICATIONS

Housing:	Thermoplastic UL94V-0
Contact/Shield:	Copper Alloy
Shield Plating:	Nickel
Contact Plating:	Selective Gold
Wave Soldering Temp:	260°C Max @ 10 Secs Max.
Operating Temp:	0C to +70C
Storage Temp:	-40°C to +85°C

Series	Positions	Contacts	Style	Color	Plating	Shield/Panel Grounds
CTJ	8	08	M11680115LGY	BK	PX	FSX
Modular jack	8 positions	8 contacts	Side entry shielded mag jack with Green & Yellow LEDs	BK=Black	Gold P0=6u" P1=15µ" gold P2=30µ" gold P3=50µ" gold	FS=Full Shield X (Panel Grounds) Blank=None 2=Top 4=Sides 6=Top & Sides

RoHS compliant

Rev.	Description	Date	Approved	Drawing	Name	Date	 Central Components Manufacturing 440 Lincoln Blvd., Middlesex, New Jersey 08846 Phone 732 469-5720 888 288-5152 Fax 732 469-1919	
				Approved	Howard	03/05/11		
				Checked	Lizzy	03/05/11		
				Drawn	Tina	03/05/11		
				0.0 ± 0.35	0.00 ± 0.20	Angles ± 3°	Part No.: CTJ-8-08-M11680115LGY-BK-PX-FSX	
					UNIT: mm		Description: RJ45 Connector With 10/100 Base-TX Integrated Magnetic Tab Up	

	1	2	3	4	5	6	7	8	9
A									
B									
C	ELECTRICAL SPECIFICATIONS Turn Ratio: (P4~P3):(J1~J2) 1:1±3% (P8~P7):(J3~J6) 1:1±3% Inductance: (P4~P3) and P8~P7) 350uH Min @0.1V, 100KHZ, 8mA DC BIAS Leakage Inductance: P4~P3 (with J1 and J2 short) : 0.35uH Max @1MHZ P8~P7 (with J3 and J6 short) : 0.35uH Max @1MHZ Interwinding Capacitance: (P4~P3):(J1~J2) : 35pF Max @ 1MHZ (P8~P7):(J3~J6) : 35pF Max @ 1MHZ DC Resistance: (J1~J2):(J3~J6) : 1.2 Ohms Max. Return Loss: 1MHZ to 30MHZ : -18dB Min 30MHZ to 60MHZ : -(18-20log(f/30))dB Min (where f is in MHZ) 60MHZ to 80MHZ : -12dB Min Dielectric Withstand: (P4 ~P3):(J8~J7) : 1500VAC or 2250VDC (P8~P7):(J3~J6) : 1500VAC or 2250VDC Insertion Loss: 1MHZ to 100MHZ : -1.2dB Max Cross Talk: 1MHZ to 100MHZ : -30dB Min Common to Common Mode Attenuation: 1MHZ to 100MHZ : -30dB Min								
D									
E									
F									
G	Rev.	Description	Date	Approved	Drawing	Name	Date	Central Components Manufacturing 440 Lincoln Blvd., Middlesex, New Jersey 08846 Phone 732 469-5720 888 288-5152 Fax 732 469-1919	
					Approved	Howard	03/05/11		
					Checked	Lizzy	03/05/11		
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					0.0 ± 0.35	0.00 ± 0.20	Angles ± 3°	Part No.: CTJ-8-08-M11680115LGY-BK-PX-FSX	
						UNIT: mm		Description: RJ45 Connector With 10/100 Base-TX Integrated Magnetic Tab Up	
	1	2	3	4	5	6	7	8	9