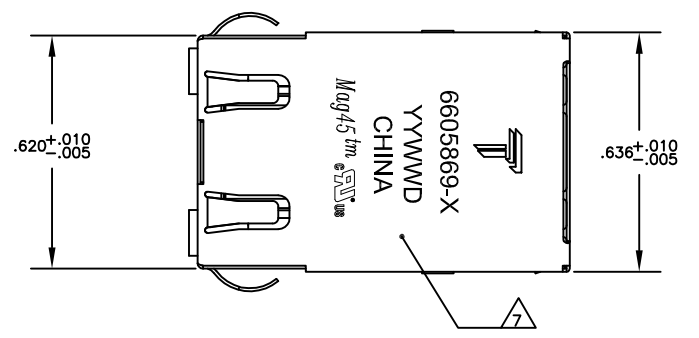
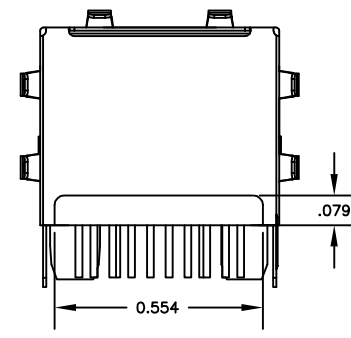
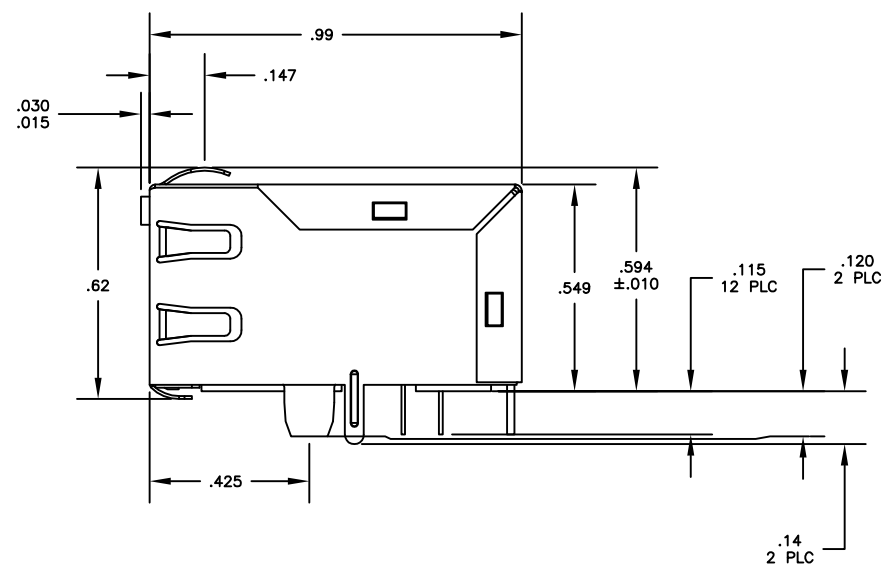
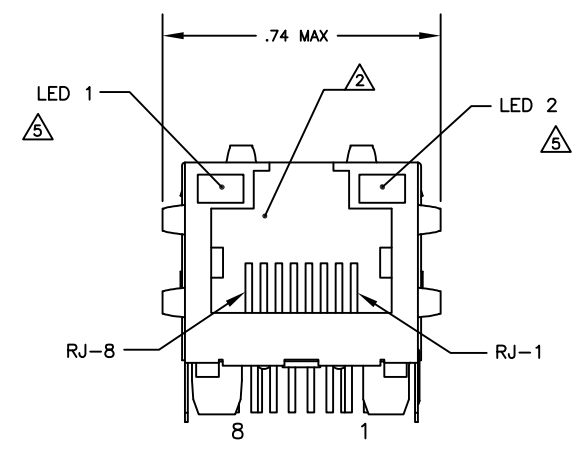


REVISIONS					
#	LN	DESCRIPTION	DATE	BY	APP
H		LOGO CHANGE	07APR2013	QL	KZ



1 MATERIALS:  
 HOUSING - THERMOPLASTIC PET POLYESTER FLAMMABILITY RATING UL 94V-0.  
 SHIELD - .008" THICK, C26800 BRASS PREPLATED WITH 30μINCH MIN SEMI-BRIGHT NICKEL; SOLDER TABS POST-DIPPED WITH SAC SOLDER.  
 MOD JACK CONTACTS - .0157" x .018" PHOSPHOR BRONZE, 50μINCH MIN OVERALL NICKEL UNDERPLATE, WITH SELECT 50μINCH MIN HARD GOLD FINISH PLATE. SOLDER TAILS WITH 100μINCH MIN MATTE TIN AND/OR SAC SOLDER DIP.  
 LIGHT EMITTING DIODE(LED) - DIFFUSED EPOXY LENS, .020" x .020" CARBON STEEL WIREFRAME LEADS PREPLATED WITH 80μINCH SILVER OVER 40μINCH NICKEL UNDERPLATE OVER 40μINCH COPPER UNDERPLATE, POST-PLATED WITH 100μINCH MIN MATTE TIN AND/OR SAC SOLDER DIP OR PURE TIN SOLDER DIP.



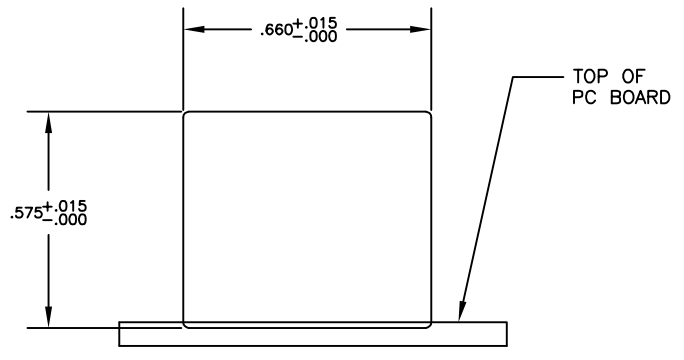
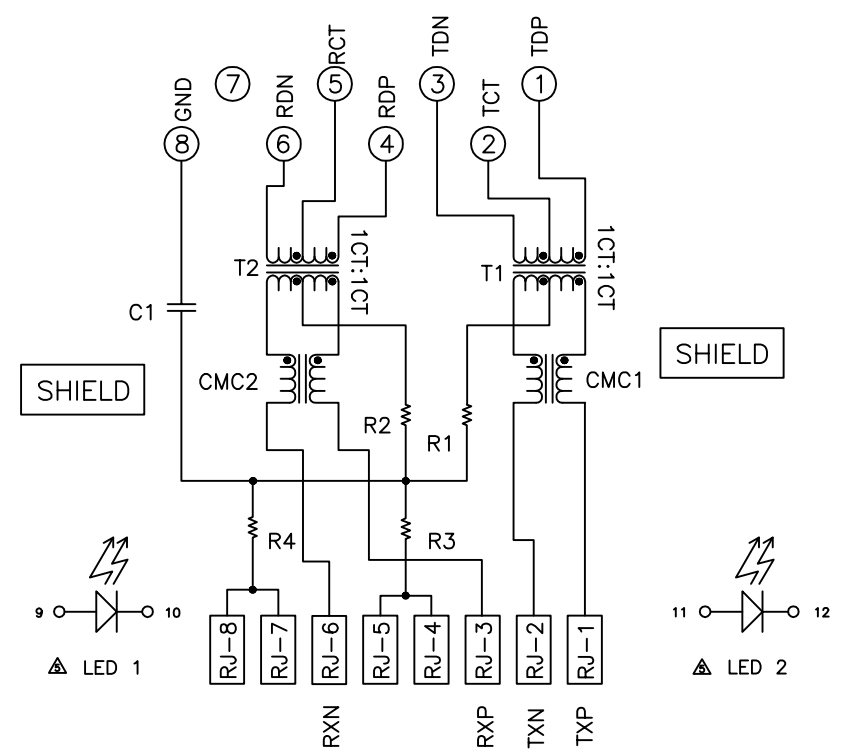
2 RJ45 JACK CAVITY CONFORMS TO FCC RULES AND REGULATIONS PART 68, SUB PART F.  
 3 MAGNETICS  
 -APPLICATION: 10/100 BASE-T  
 -IMPEDANCE: 100 OHMS  
 -TURNS RATIO (CHIP-CABLE): TX = 1:1, RX = 1:1  
 -OPEN CIRCUIT INDUCTANCE (OCL): 350μH MIN @100kHz, 0.1VRMS, 8mA DC BIAS FROM 0°C TO 70°C, TX AND RX  
 -PERFORMANCE @ 25°C:  
 INSERTION LOSS (IL): 1.1dB MAX FROM 0.5MHz TO 100MHz  
 RETURN LOSS (RL): 18dB MIN FROM 0.5MHz TO 30MHz  
 18-20LOG(f/30)dB MIN FROM 30.1MHz TO 60MHz  
 12dB MIN FROM 60.1MHz TO 80MHz  
 CROSSTALK ATTENUATION: 35dB MIN FROM 0.5MHz TO 40MHz  
 33-20LOG(f/50)dB MIN FROM 40.1MHz TO 100MHz  
 COMMON MODE REJECTION RATIO (CMRR): 30dB MIN FROM 0.5MHz TO 100MHz  
 -ISOLATION VOLTAGE: 2250VDC (MAX) FOR 60 SECONDS WITH A RISE TIME OF 500V/SEC.

4. OPERATING TEMPERATURE: FROM 0°C TO +70°C.  
 5 LEDS WITHOUT BUILT-IN RESISTOR  
 LEDS ARE DRIVEN WITH CONSTANT CURRENT AT APPROX 20 mA  
 LED COLOR: DOMINANT WAVELENGTH (λD): GREEN 568 nm TYP @ IF=20 mA  
 FORWARD VOLTAGE (VF): GREEN 2.2V TYP @ IF=20 mA  
 DOMINANT WAVELENGTH (λD): YELLOW 588 nm TYP @ IF=20 mA  
 FORWARD VOLTAGE (VF): YELLOW 2.1V TYP @ IF=20 mA

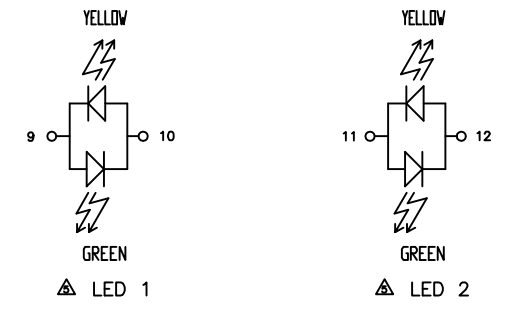
6 INDICATED CONNECTIONS ARE FOR NIC CONFIGURATION. THE MAGNETICS ARE SYMMETRIC, AND SUPPORT AUTO-MDI/MDIX.  
 7 TRP CONNECTOR LOGO, PART NUMBER, DATE CODE, COUNTRY OF ORIGIN AND AGENCY APPROVAL MARKING IN APPROXIMATE LOCATION SHOWN.  
 8. THESE PARTS ARE RECOMMENDED FOR WAVE SOLDERING PROCESS, PREHEAT TEMPERATURE IS 120°C TO 160°C, 120 SECONDS TO 180 SECONDS, PEAK WAVE SOLDERING TEMPERATURE IS 260°C MAX, 10 SECONDS MAX.

ELECTRICAL:

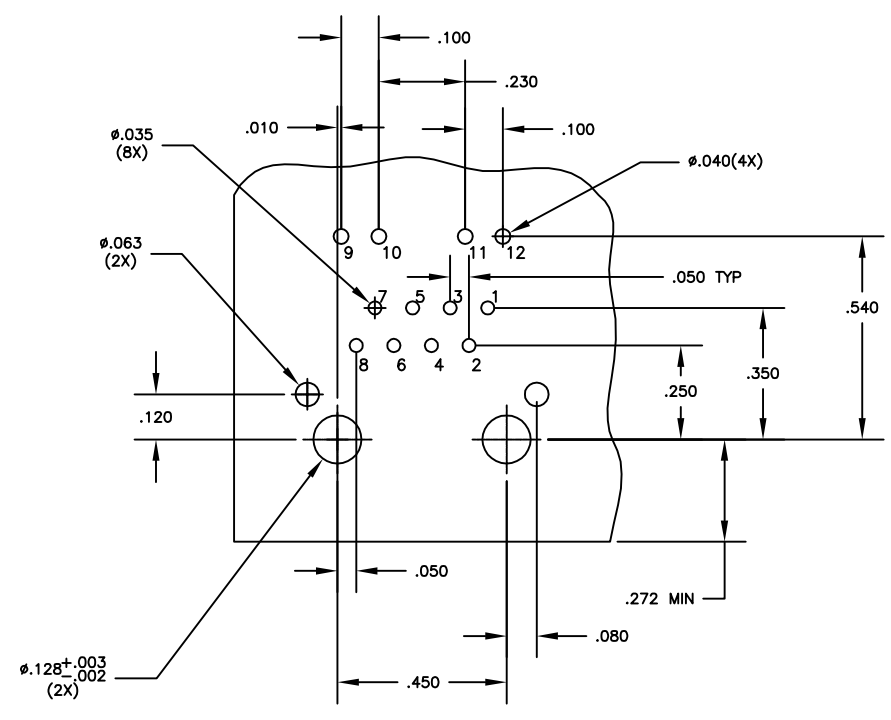
26P1 MAGNETIC SCHEMATIC:



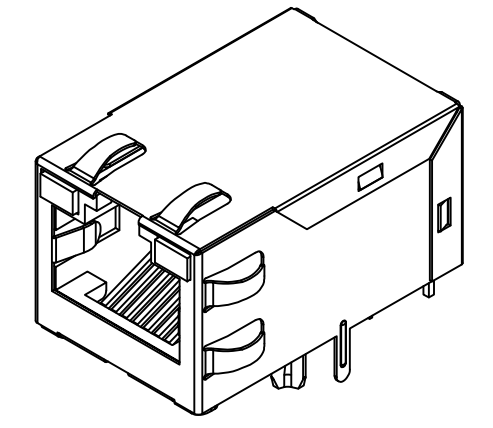
SUGGESTED PANEL CUTOUT



LED CONFIGURATION FOR 6605869-6 ONLY



SUGGESTED PC BOARD LAYOUT (Component Side)



GREEN	YELLOW	5-6605869-8
GREEN	GREEN	5-6605869-7
YELLOW	GREEN	6605869-9
GREEN/YELLOW	GREEN/YELLOW	6605869-6
LED 1	LED 2	PART NUMBER

C1=1000 pF, 2kV CAPACITOR  
 R1-R4 =75 Ohms, 1/16 W RESISTORS

THIS DRAWING IS A CONTROLLED DOCUMENT.		DRN: C GILLETTE 29AUG2005	TRP connector
DIMENSIONS: INCHES		CHK: D FAROLE 31AUG2005	Dongguan China
TOLERANCES UNLESS OTHERWISE SPECIFIED:		APP: S FLICKINGER 31AUG2005	
0 PLC	± .-	PRODUCT SPEC	NAME: INTEGRATED MAGNETIC MOD JACK ASSY, 1x1 MAG45(TM), SHLD, 6 WAVE PNL GNDS, W/REAR LED LEADS, 26P1 MAGNETIC CIRCUIT
1 PLC	± .-	APPLICATION SPEC	108-2100
2 PLC	± .01	SIZE	A1
3 PLC	± .005	SCALE	00779
4 PLC	± .-	DATE CODE	00779
ANGLES	± .-	CASE CODE	00779
MATERIAL	FINISH	RESTRICTED TO	
		CUSTOMER DRAWING	
		SCALE: NTS	SHEET 1 OF 1
			REV H