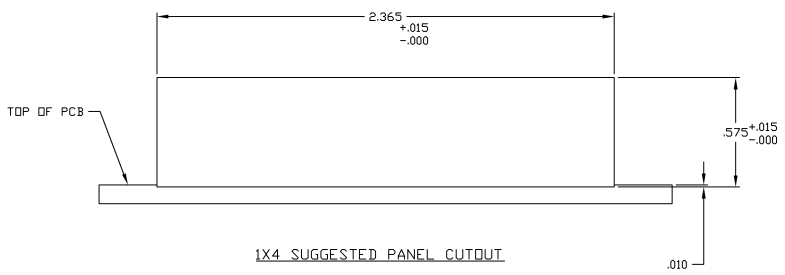
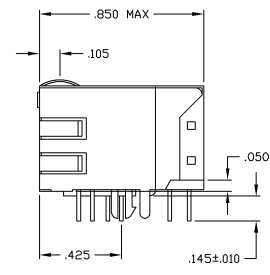
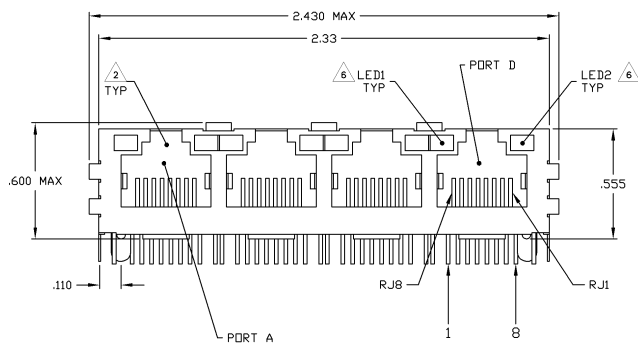
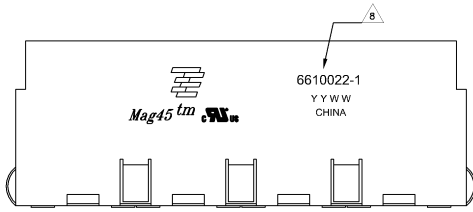


MECHANICAL:



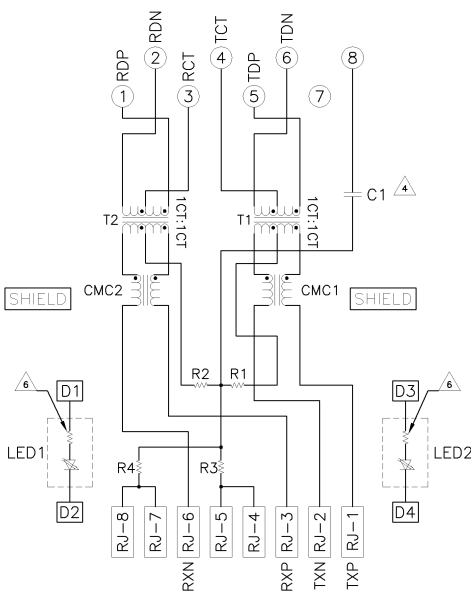
- 1 MATERIALS
 -HOUSING - THERMOPLASTIC PET POLYESTER FLAMMABILITY RATING UL 94V-0
 -SHIELD - .010" THICK, C26800 BRASS PREPLATED WITH 30µINCH MIN SEMI-BRIGHT NICKEL
 -SOLDER TABS POST DIPPED WITH 100µINCH MIN SAC SOLDER
 -MOD JACK CONTACTS - 0.085" X 0.018" PHOSPHOR BRONZE, 50µINCH MIN OVERALL NICKEL 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, .420" X .420" CARBON STEEL WIREFRAME LEADS PRE-PLATED WITH 80µINCH SILVER OVER 40µINCH NICKEL UNDERPLATE OVER 40µINCH COPPER UNDERPLATE. POST-PLATED WITH 100µINCH 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
 -TURNING RATIO (CHP CABLE): TX + 11, RX + 11
 -OPEN CIRCUIT INDUCTANCE (OCL): 350nH MIN @100kHz, 0.1VRMS, 8mADC 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
 -18-20L OCL/30dB MIN FROM 30 MHz TO 60MHz
 -32dB MIN FROM 60 MHz TO 80MHz
 -CROSSTALK ATTENUATION: 35dB MIN FROM 0.5MHz TO 40MHz
 -33-20% LOG/F/50dB MIN FROM 40 MHz TO 100MHz
 -COMMON MODE REJECTION RATIO (CMRR): 30dB MIN FROM 0.5MHz TO 100MHz
 -ISOLATION VOLTAGE: COMPLIES WITH IEEE802.3 2002, PARA 23.5.1.1, ITEM B
- 4 C115 IS AN OPTIONAL CAPACITOR. IF NO CAPACITOR, TRACE IS CONTINUOUS. SEE TABLE FOR PRESENCE OF CAPACITOR IN DIFFERENT CONFIGURATIONS
- 5 OPERATING TEMPERATURE: FROM 0°C TO -70°C
- 6 LEADS WITH BUILT-IN RESISTOR
 -LEDS ARE DRIVEN WITH 5V VOLTAGE AND THE MAX OPERATING CURRENT IS 20mA
 -LED COLOR - DOMINANT WAVELENGTH (λD): GREEN 568 nm TYP. @ VF=5V
 -FORWARD CURRENT (IF): GREEN 12 mA TYP. @ VF=5V
 -DOMINANT WAVELENGTH (λD): YELLOW 588 nm TYP. @ VF=5V
 -FORWARD CURRENT (IF): YELLOW 13 mA TYP. @ VF=5V
- 7 INDICATED CONNECTIONS ARE FOR IFC CONFIGURATION. THE MAGNETICS ARE SYMMETRICAL AND SUPPORT AUTO-MDM/MDIX
- 8 TYCO ELECTRONICS LOGO, PART NUMBER, DATE CODE, COUNTRY OF ORIGIN AND AGENCY APPROVAL MARKING IN APPROXIMATE LOCATION SHOWN
- 9 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

YES	GREEN	GREEN	6-6610022-1
NO	GREEN	YELLOW	6610022-1

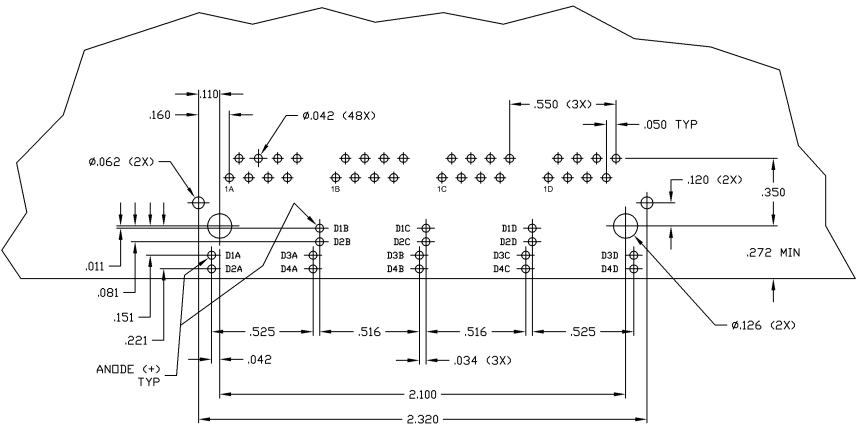
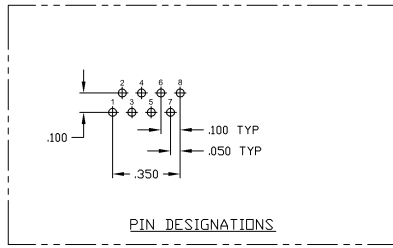
DECOUPLING CAPACITOR	LED1	LED2	PART NUMBER

THIS DRAWING IS A CONTROLLED DOCUMENT		UNCLASSIFIED	DATE	BY	APPROVED
DATE	BY	DATE	BY	DATE	BY
10/22/2009	...	10/22/2009	...	10/22/2009	...

726 SERIES MAGNETIC CIRCUIT



C1 = 1000pF, 2kV DECOUPLING CAPACITOR
 R1-R4 = 75 OHMS, 1/16W, 5% RESISTORS



SUGGESTED PCB LAYOUT
 (Component Side)

THIS DRAWING IS A CONTROLLED DOCUMENT		REV	DATE	DESCRIPTION	BY	CHKD
REV A		AA	22			
DRAWN BY		DESIGNED BY	CHECKED BY	APPROVED BY	TITLE	
-		-	-	-	726 SERIES MAGNETIC CIRCUIT	
PART NO.		REV	DATE	DESCRIPTION	BY	CHKD
-		-	-	-	-	
CUSTOMER DRAWING		SCALE	4:1	SHEET	2	TOTAL
-						