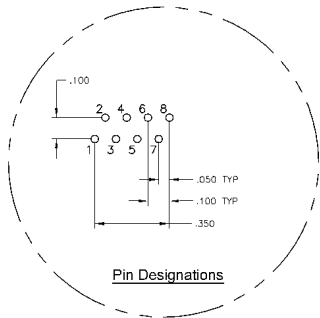
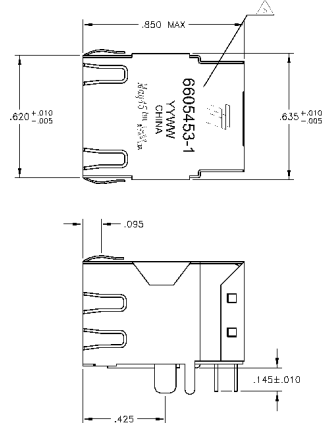
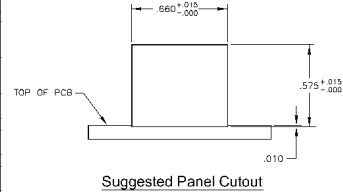


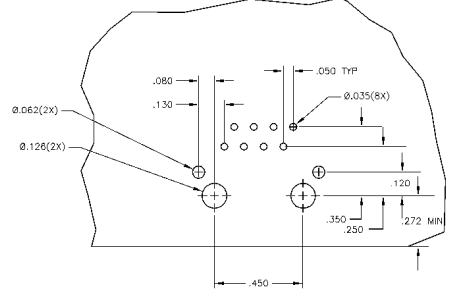
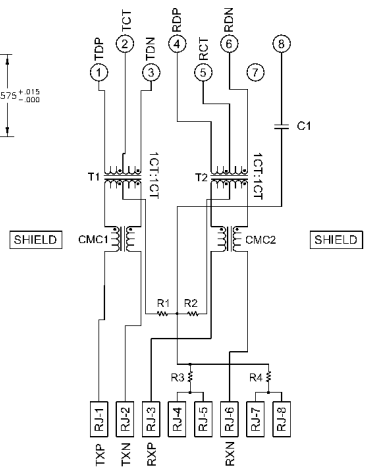
MECHANICAL:



- △ MATERIALS: HOUSING - THERMOPLASTIC PET POLYESTER FLAMMABILITY RATING UL 94V-0. SHIELD - .010" THICK, C18800 BRASS PREPLATED WITH 30μINCH MIN SEMI-BRIGHT NICKEL. SOLDER TABS POST DIPPED WITH 100μINCH MIN SAC SOLDER. MOD JACK CONTACTS - 0.0157 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.
- △ RJ45 JACK CAVITY CONFORMS TO FCC RULES AND REGULATIONS PART 68, SUB PART F.
- △ MAGNETICS:
 - IMPEDANCE: 100 OHMS
 - TURNS RATIO (CHP CABLE): TX + 11, RX - 11
 - OPEN CIRCUIT INDUCTANCE (OCL): 350nH 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(I/F/30dB) MIN FROM 30.1MHz TO 60MHz
 - 12dB MIN FROM 60.1MHz TO 80MHz
 - CROSSTALK ATTENUATION: 35dB MIN FROM 0.5MHz TO 40MHz
 - 33-20LOG(I/F/50dB) MIN FROM 4.81MHz TO 100MHz
 - COMMON MODE REJECTION RATIO (CMRR): 30dB MIN FROM 0.5MHz TO 100MHz
 - ISOLATION VOLTAGE: COMPLIES WITH IEEE802.3 2002, PARA 23.5.11, ITEM b.
- 4. OPERATING TEMPERATURE: FROM 0°C - -70°C.
- △ INDICATED CONNECTIONS ARE FOR NIC CONFIGURATION. THE MAGNETICS ARE SYMMETRICAL, AND THEREFORE SUPPORT AUTO-IDI/MDIX.
- △ TYCO ELECTRONICS LOGO, PART NUMBER, DATE CODE, COUNTRY OF ORIGIN AND AGENCY APPROVAL MARKING IN APPROXIMATE LOCATION SHOWN.
- 7. THE PART IS RECOMMENDED FOR WAVE SOLDERING PROCESS. PREHEAT TEMPERATURE IS 120 C TO 140 C, 120 SECONDS TO 180 SECONDS. PEAK WAVE SOLDERING TEMPERATURE IS 260°C MAX, 10 SECONDS MAX.



426P1 SERIES MAGNETIC CIRCUIT



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

6605453-1
 PART NUMBER

REV	DATE	BY	CHKD	DESCRIPTION
1	08/01/00	AA	AA	INITIAL RELEASE
2	10/05/00	AA	AA	REV PER ECO-09-00037

THIS DRAWING IS A CONTROLLED DOCUMENT		TYCO ELECTRONICS	
REV 8/00		TYCO ELECTRONICS	
DESCRIPTION: 426P1		1X1 MAG4570A, MODULAR JACK, SHIELDED, DECOUPLING CAPACITOR, WAVE PANEL GROUNDING	
PART NUMBER: 6605453		CUSTOMER DRAWING	