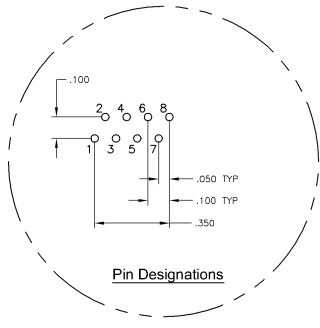
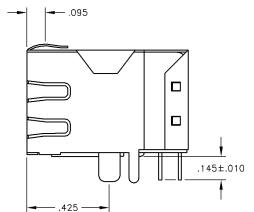
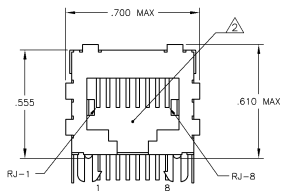
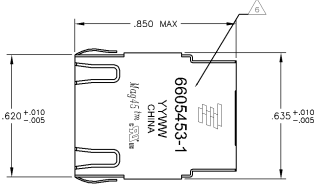
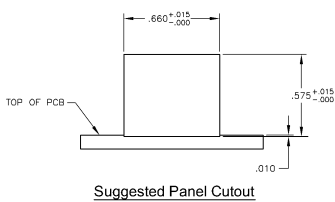


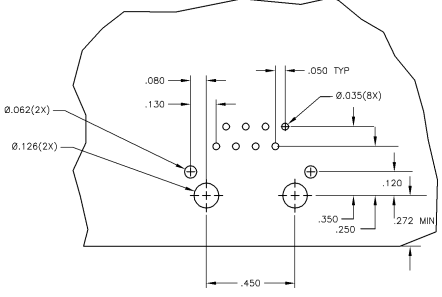
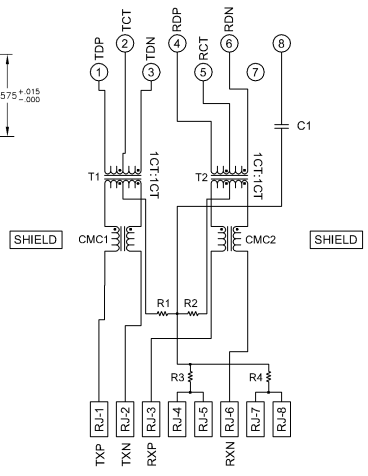
MECHANICAL:



- MATERIALS:**
 HOUSING - THERMOPLASTIC PET POLYESTER FLAMMABILITY RATING UL 94V-0.
 SHIELD - .010" THICK C26800 BRASS PREPLATED WITH 30µINCH MIN SEM-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 MATTIE 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): 35µH MIN @ 100MHz, 0.1VRMS, 8mADC BIAS FROM 0°C TO 70°C, TX AND RX
 - PERFORMANCE @ 25°C
 INSERTION LOSS (IL): 11dB MAX FROM 0.5MHz TO 100MHz
 RETURN LOSS (RL): 18dB MIN FROM 0.5MHz TO 30MHz
 18-20LOG(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(F/50dB) MIN FROM 4.8.1MHz 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. OPERATING TEMPERATURE: FROM 0°C - +70°C.
- INDICATED CONNECTIONS ARE FOR NIC CONFIGURATION. THE MAGNETICS ARE SYMMETRICAL AND THEREFORE SUPPORT AUTO-MDI/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 160°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

THE DRAWING IS A CONTROLLED DOCUMENT		REV	DATE	DESCRIPTION	BY	CHK	APP
DESIGNED	REVISED	1	000000	1X1 MAG45TM, MODULAR JACK, 4N2P1 SCHEMATIC, 426 SERIES CIRCUIT, SHIELDED, DECOUPLING CAPACITOR, WAVE PANEL GROUNDS			
DRAWN	ISSUED	1	000000	1X1 MAG45TM, MODULAR JACK, 4N2P1 SCHEMATIC, 426 SERIES CIRCUIT, SHIELDED, DECOUPLING CAPACITOR, WAVE PANEL GROUNDS			
CHECKED	APPROVED	1	000000	1X1 MAG45TM, MODULAR JACK, 4N2P1 SCHEMATIC, 426 SERIES CIRCUIT, SHIELDED, DECOUPLING CAPACITOR, WAVE PANEL GROUNDS			
DATE	SCALE	1	000000	1X1 MAG45TM, MODULAR JACK, 4N2P1 SCHEMATIC, 426 SERIES CIRCUIT, SHIELDED, DECOUPLING CAPACITOR, WAVE PANEL GROUNDS			
1008-2100							
100779							
6605453							
CUSTOMER DRAWING							