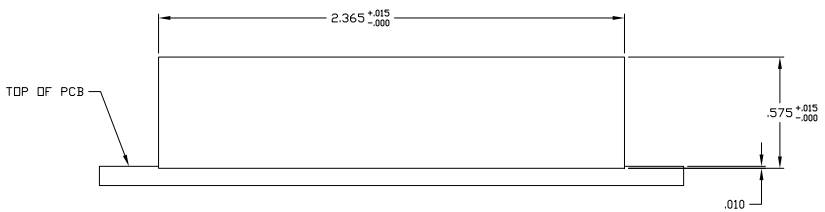
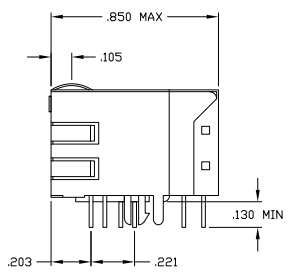
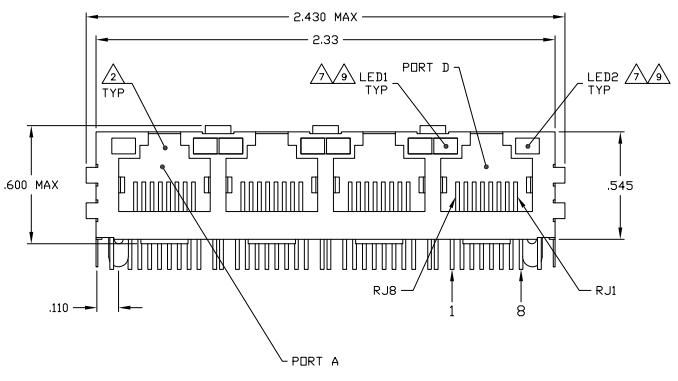
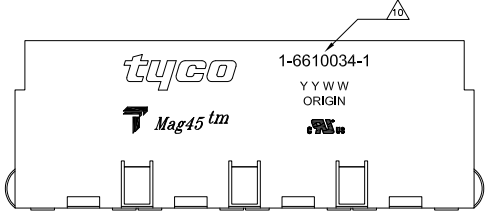


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AA	22				
A		REV PER EC 0513-050-04			

MECHANICAL:



1X4 SUGGESTED PANEL CUTOUT

- △ 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 - 0.0157 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.
 - LIGHT EMITTING DIODE(LED) - DIFFUSED EPOXY LENS, .020" X .020" CARBON STEEL WIREFRAME LEADS PRE-PLATED 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.
- △ RJ45 JACK CAVITY CONFORMS TO FCC RULES AND REGULATIONS PART 68, SUB PART F.
- △ MAGNETICS
 - IMPEDANCE: 100 OHMS
 - TURNS RATIO (CHIP CABLE): TX = 11, RX = 11
 - 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): 1.6dB 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
 - 33-20+LOG(f/50)dB MIN FROM 40.1MHz 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 a or b.
- △ C1 IS AN OPTIONAL 1000 pF, 2KV DECOUPLING CAPACITOR. IF NO CAPACITOR, TRACE IS CONTINUOUS. SEE TABLE FOR PRESENCE OF CAPACITOR IN DIFFERENT CONFIGURATIONS.
- S. OPERATING TEMPERATURE: FROM 0° TO +70°C.
- △ R1-R4 = 75 OHMS, 1/16 W, 5% RESISTORS.
- △ LED COMPLIANT WITH IEC60825-1 SAFETY OF LASER PRODUCTS. WHEN OPERATED UP TO 20 mA. THE 250 OHM RESISTORS ARE INCLUDED ON 6605704-1 ONLY.
- △ INDICATED CONNECTIONS ARE FOR HUB CONFIGURATION. THE MAGNETICS ARE SYMMETRICAL AND SUPPORT AUTO-MDI/MDX.
- △ LED PEAK WAVELENGTH: GREEN(L) = 565nm
YELLOW(L) = 585nm
- △ TRADEMARK, PART NUMBER, DATE CODE, COUNTRY OF ORIGIN AND AGENCY APPROVAL MARKING IN APPROXIMATE LOCATION SHOWN.

YES	GREEN	YELLOW	5-6610034-1
NO	GREEN	GREEN	1-6610034-1
DECOUPLING CAPACITOR	LED1	LED2	PART NUMBER

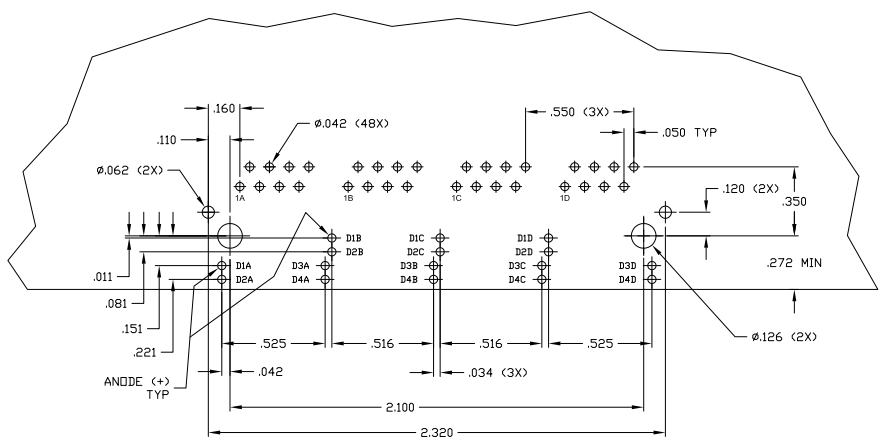
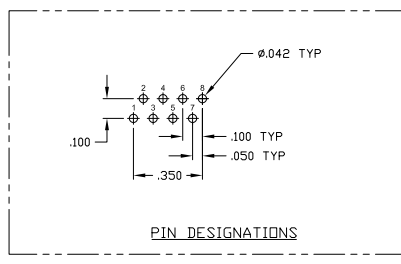
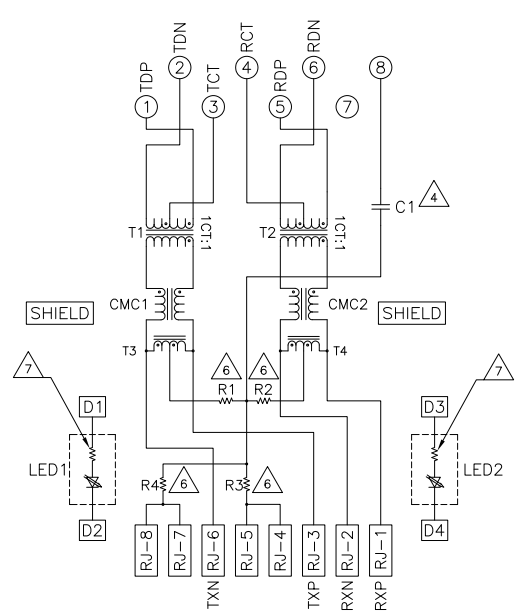
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1X4 MAG45(TM) MODULAR JACK, 75Ω SCHEMATIC, 75Ω SERIES CIRCUIT, SHIELDED, OPTIONAL DECOUPLING CAPACITOR, RESISTOR LEADS

CUSTOMER DRAWING

755 SERIES MAGNETIC CIRCUIT



SUGGESTED PCB LAYOUT
 (Component Side)

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REVISIONS					
DATE					
BY					
APP					