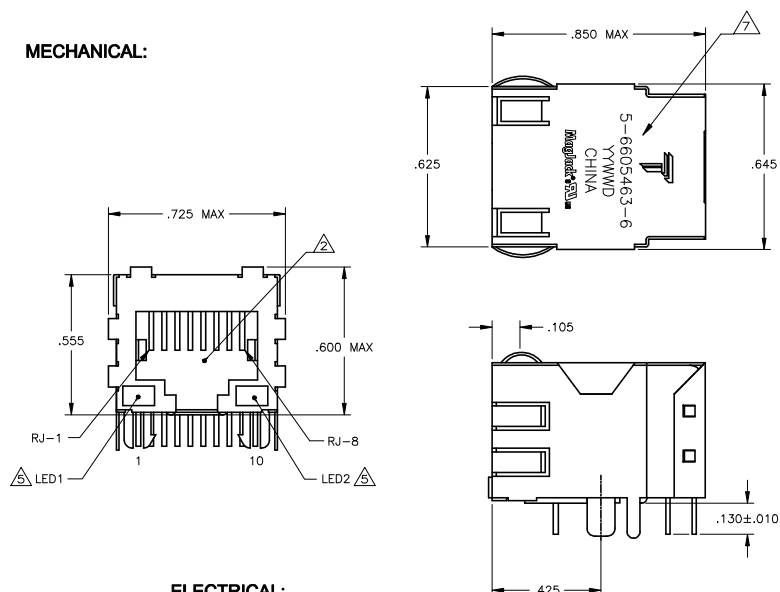
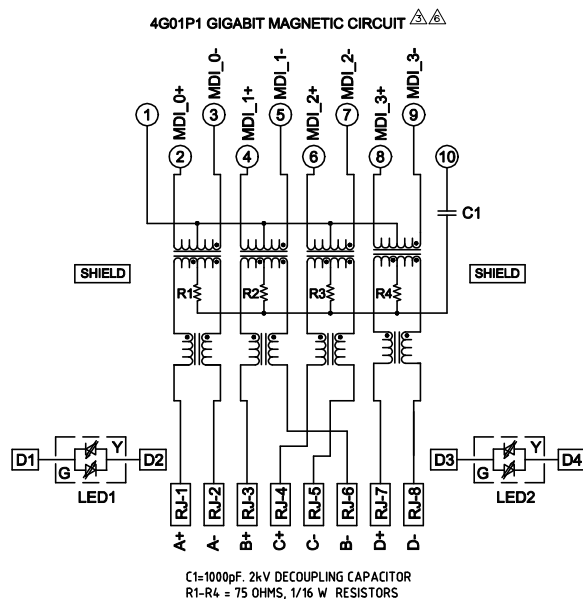


PRODUCT MAY BE PROTECTED BY ONE OR MORE OF THE FOLLOWING US PATENTS:  
5736910 5939955 6425781 6428361 6554638 6840817 7123117  
7429195 7717749 7808751 6217391 6149050 7924130

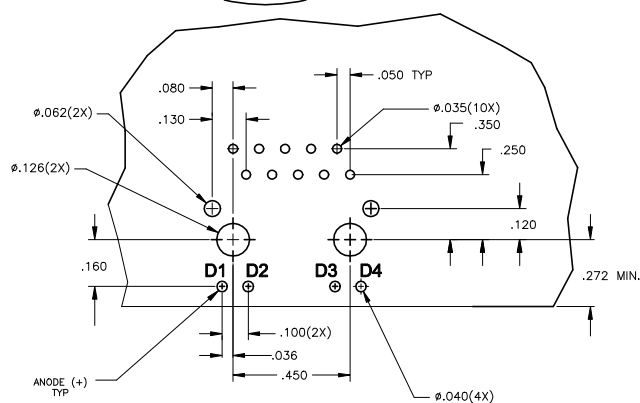
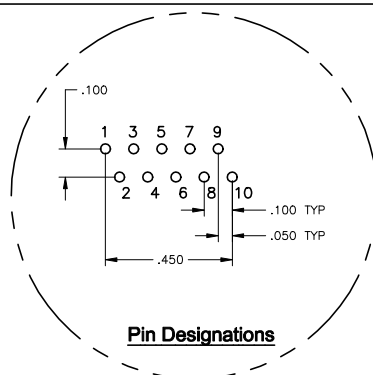
**MECHANICAL:**



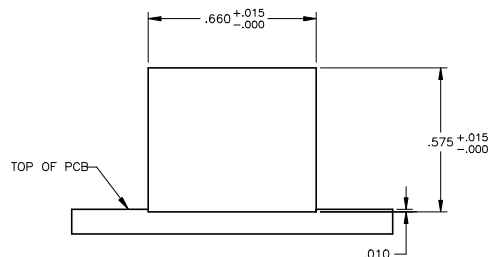
**ELECTRICAL:**



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



### Suggested PCB Layout (Component Side)



### Suggested Panel Cutout

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 - 0.0157 x 0.018" PHOSPHOR BRONZE, 50μINCH MIN OVERALL NICKEL UNDERPLATE WITH SELECT 50μINCH MIN HARD GOLD FINISH PLATE.  
SOLDER TABS 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 CUMPLIES TO FCC RULES AND REGULATIONS PART 68, SUB PART F.
- △ MAGNETICS  
-IMPEDANCE: 100 OHMS  
-TURNS RATIO (CHIP: CABLE): 1:1 ALL FOUR PAIRS  
-OPEN CIRCUIT INDUCTANCE (OCL): 350μH MIN @100kHz, 0.1VRMS,  
8mADC BIAS FROM 0°C TO 70°C, ALL FOUR PAIRS  
-ALL FOUR PAIRS BI-DIRECTIONAL  
-PERFORMANCE @ 25°C:  
INSERTION LOSS (IL): 1.1dB MAX FROM 0.5MHz TO 100MHz  
RETURN LOSS (RL): 18dB MIN FROM 0.5MHz TO 40MHz  
12-20LOG(f/80)dB MIN FROM 4.0.1MHz TO 100MHz  
CROSSTALK ATTENUATION: 35dB MIN FROM 0.5MHz TO 40MHz  
33-20xLOG(f/50)dB MIN FROM 4.0.1MHz 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 OPERATION TEMPERATURE: FROM 0°C TO +70°C.
- △ LEDs ARE DRIVEN WITH CONSTANT CURRENT AT APPROX 20mA.  
LED COLOR: DOMINANT WAVELENGTH (AD): GREEN 568 nm TYP @ IF=20mA  
FORWARD VOLTAGE (VF): GREEN 2.2V TYP @ IF=20mA  
DOMINANT WAVELENGTH (AD): YELLOW 588 nm TYP @ IF=20mA  
FORWARD VOLTAGE (VF): YELLOW 2.1V TYP @ IF=20mA.
- △ THE MAGNETICS ARE SYMMETRIC TO SUPPORT AUTO-MDI/MDIX.
- △ TRP CONNECTOR LOGO, PART NUMBER, DATE CODE, COUNTRY OF ORIGIN AND AGENCY APPROVAL MARKING IN APPROXIMATE LOCATION SHOWN.
8. THE PART IS RECOMMENDED FOR WAVE SOLDERING PROCESS,  
PREHEAT TEMPERATURE IS 120°C TO 160°C, 120 SECONDS TO 180 SECONDS,  
PEAK SOLDERING TEMPERATURE IS 260 °C MAX. 10 SECONDS MAX.

|                  |               |                                                                                       |           |             |                |
|------------------|---------------|---------------------------------------------------------------------------------------|-----------|-------------|----------------|
| GREEN/YELLOW     |               | GREEN/YELLOW                                                                          |           | 5-6605463-6 |                |
| LED1             |               | LED2                                                                                  |           | PART NUMBER |                |
| DATE             | VAR1_A - DDC6 |  | CONNECTOR |             | DONGGUAN CHINA |
| DATE             | FARLO         |                                                                                       |           |             |                |
| DATE             | FARLO         |                                                                                       |           |             |                |
| MODEL NAME       |               | 1X1 4G01P1 GIGABIT TAB DOWN W/ LED                                                    |           |             |                |
| MAGLACK          |               | -                                                                                     |           |             |                |
| SINGLE NON-POE   |               | SIZE                                                                                  | DATE CODE | ISSUING NO  | RESTRICTED     |
| CUSTOMER DRAWING |               | A1                                                                                    | C-6605463 |             |                |
|                  |               | SOLE                                                                                  | NTS       | SHEET       | 1 of 1         |