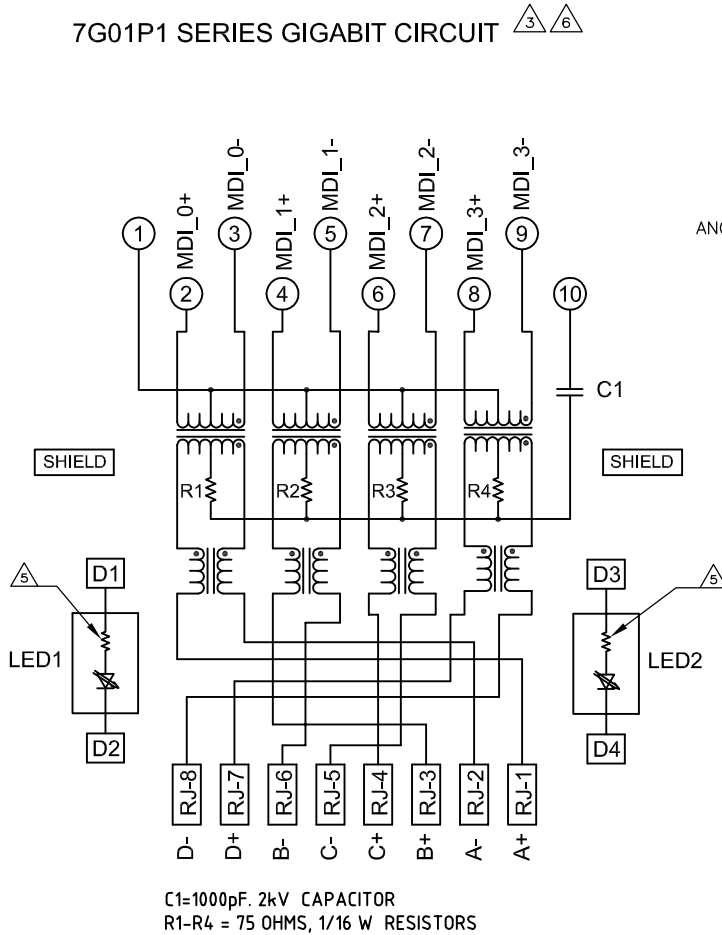
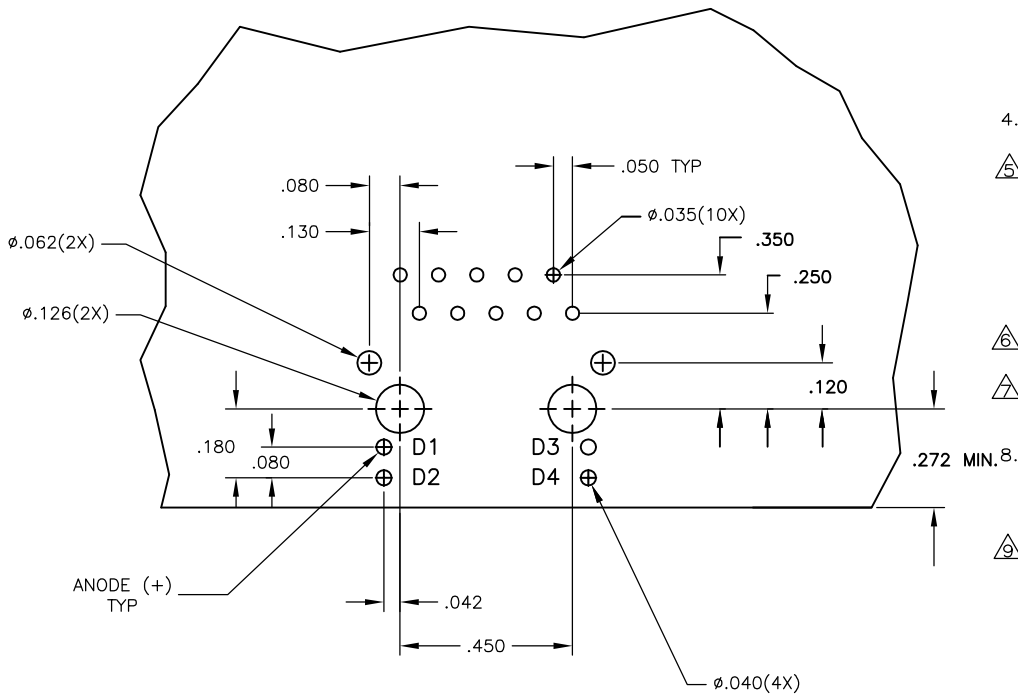
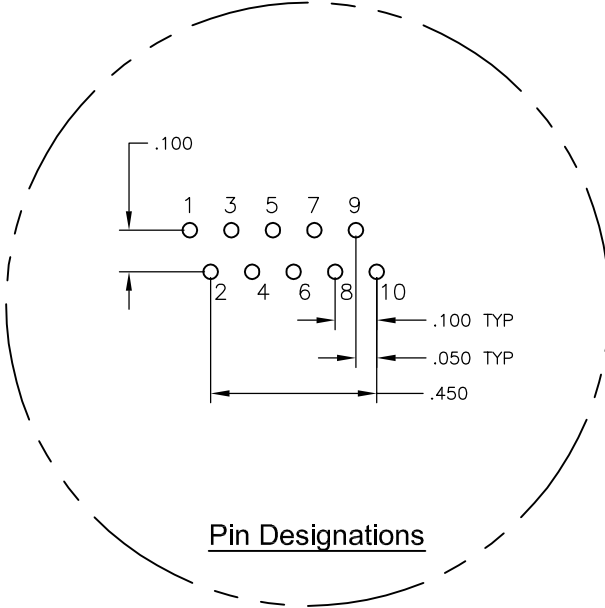
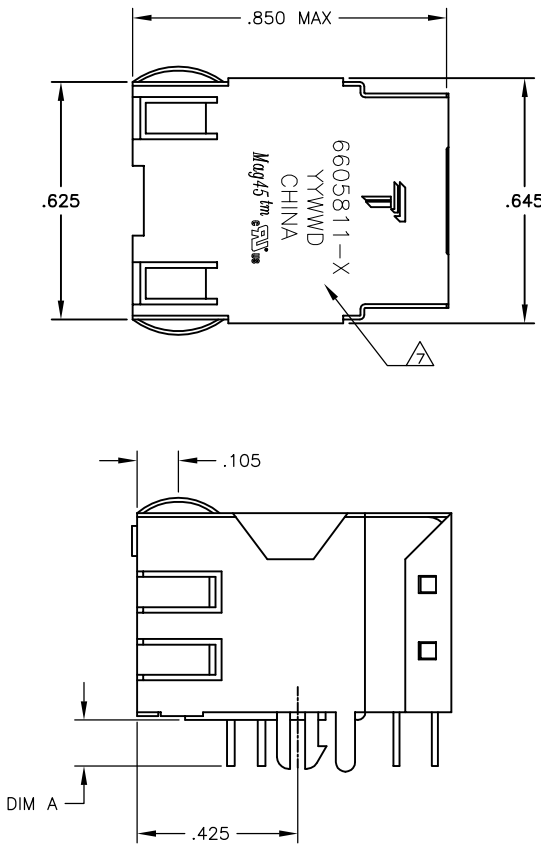
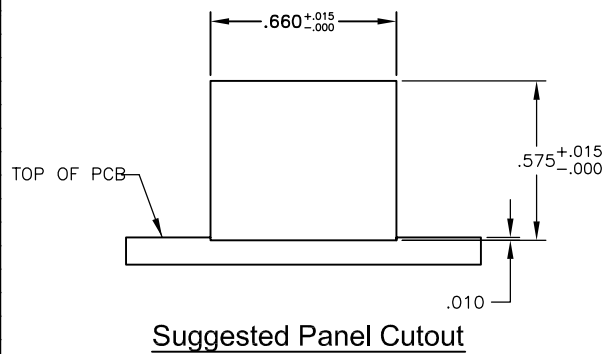
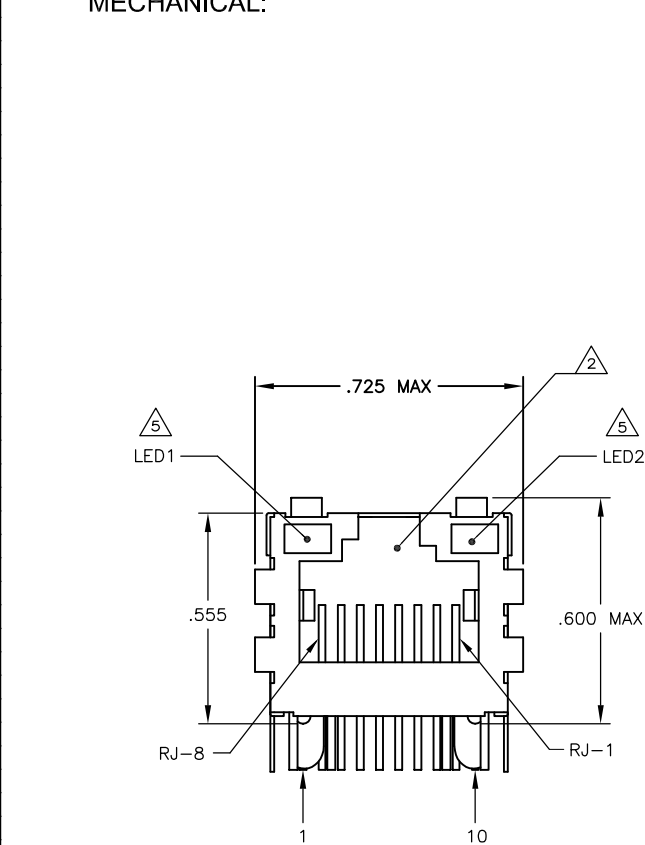


MECHANICAL:



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

▲ 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.

2 RJ45 JACK CAVITY CONFORMS 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): 350uH 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 40.1MHz TO 100MHz
 - CROSSTALK ATTENUATION: 35dB MIN FROM 0.5MHz TO 40MHz
33-20xLOG(f/50)dB MIN FROM 40.1MHz 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. OPERATING TEMPERATURE: FROM 0°C - +70°C.

LED WITH 250 OHM RESISTORS, LED IS 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

6 THE MAGNETICS ARE SYMMETRICAL AND SUPPORT AUTO-MDIX.

 TRP CONNECTOR LOGO, PART NUMBER, DATE CODE, COUNTRY OF ORIGIN AND AGENCY APPROVAL MARKING IN APPROXIMATE LOCATION SHOWN.

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.

9 OBSOLETE PARTS: OBSOLETE CIS STREAMLINING PER
D.RENAUD/D.SINISI

 OBsolete	.145±.010	YES	GREEN	GREEN	6-6605811-1
	.145±.010	YES	YELLOW	GREEN	5-6605811-2
	.145±.010	YES	GREEN	YELLOW	5-6605811-1
	.145±.010	YES	GREEN	GREEN	2-6605811-1
	DIM A	2KV DECOUPLING CAPACITOR	LED1 	LED2 	PART NUMBER

THIS DRAWING IS A CONTROLLED DOCUMENT.		DSN 03MAR2005 L VARELA - DOKKS CHK 03MAR2005 D FAROLE AFD D FAROLE 03MAR2005		 TRP connector Dongguan China	
DIMENSIONS: INCHES		TO DIMENSIONS UNLESS OTHERWISE SPECIFIED: 0 P LCC ± - 1 P LCC ± - 2 P LCC ± .010 3 P LCC ± .005 4 P LCC ± - ANGLES ± - FINISH		PRODUCT SPEC 108-2100 APPLICATION SPEC	
MATERIAL 		WEIGHT -		NAME 1X1 MAG45(TM), MODULAR JACKET, 7G1P1 GIGABIT SCHEMATIC, 7601 SERIES CIRCUIT, SHIELDED, DECOUPLING CAPACITOR, WITH RESISTOR SIZE 08K CODE DRAWING NO. RESTRICTED TO A1 00779 C-6605811 -	
CUSTOMER DRAWING		SCALE 1:1		SHEET 1 of 1 REV E	