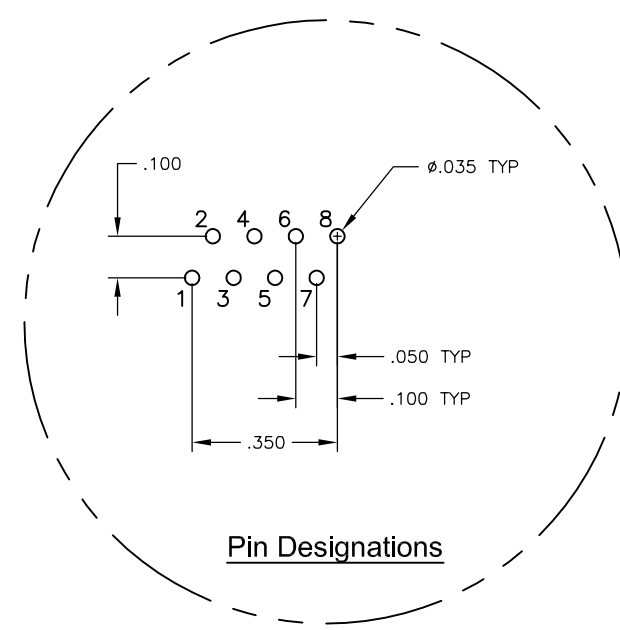
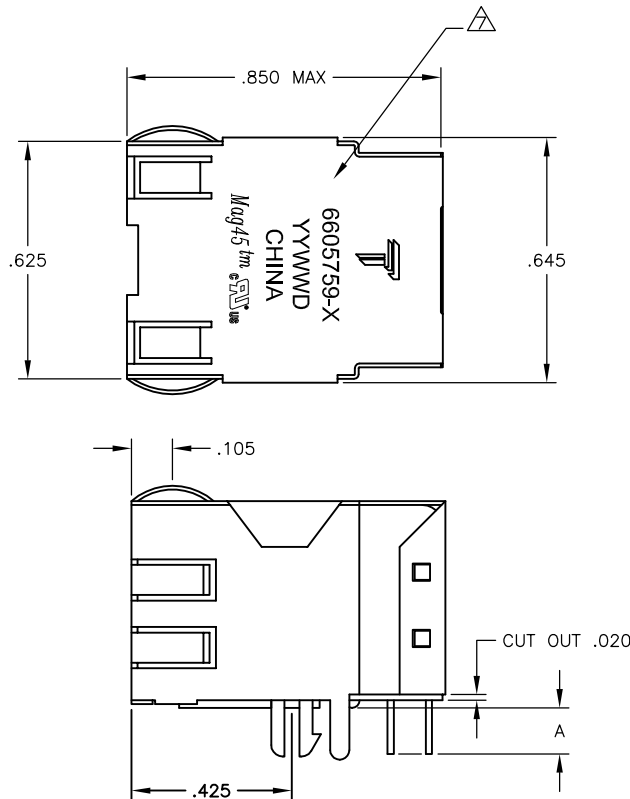
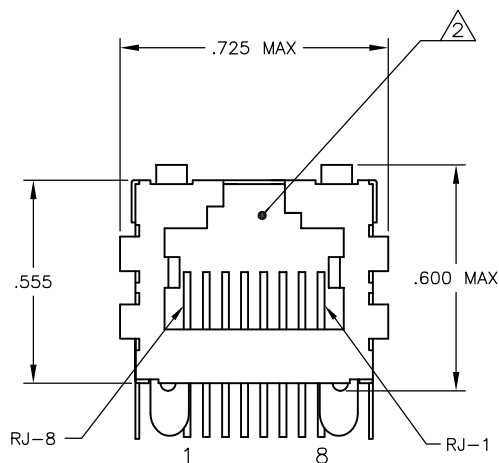
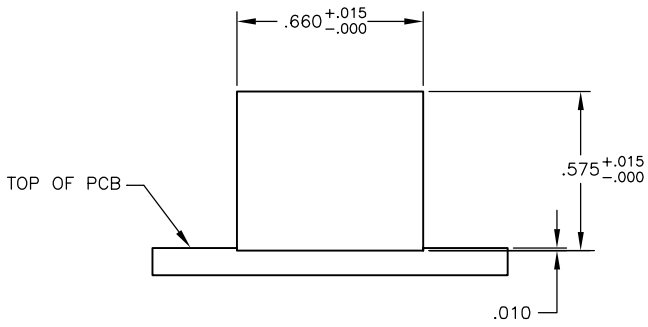


REVISIONS				
#	DATE	DESCRIPTION	BY	APP'D
F	07APR2013	LOGO CHANGE	QL	KZ

**MECHANICAL:**

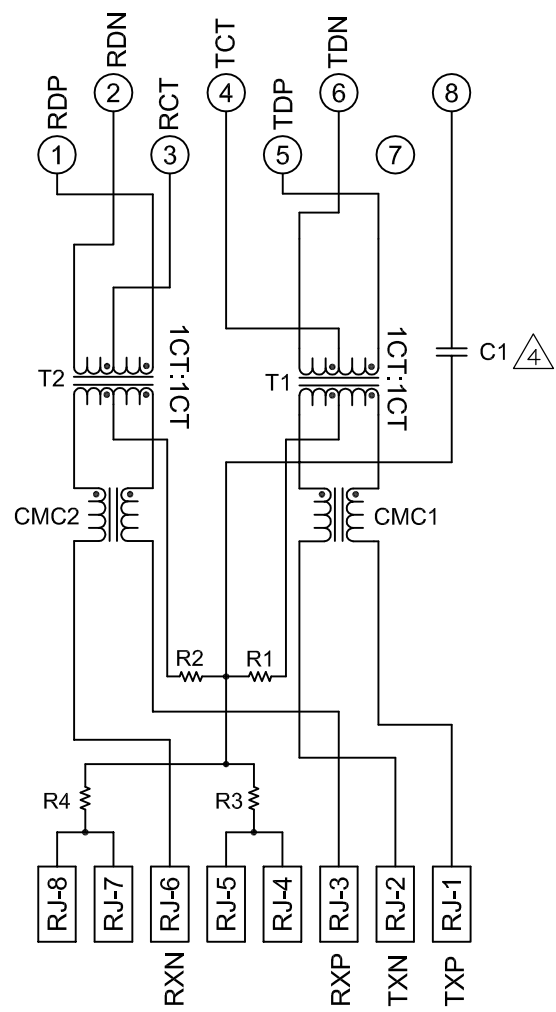


- △ **MATERIALS:**
  - HOUSING - THERMOPLASTIC PET POLYESTER FLAMMABILITY RATING UL 94V-0.
  - SHIELD - 0.010" THICK, C26800 BRASS PREPLATED WITH 30μINCH MIN SEMI-BRIGHT NICKEL, SOLDER TABS POST DIPPED WITH 100μINCH MIN SAC SOLDER.
  - MOD JACK CONTACTS - 0.0157" x 0.018" PHOSPHOR BRONZE, 50μINCH MIN OVERALL NICKEL UNDERPLATE, WITH SELECT 50μINCH MIN HARD GOLD FINISH PLATE.
  - SOLDERTAILS 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 (CHIP: CABLE): TX = 1:1, RX = 1:1
  - OPEN CIRCUIT INDUCTANCE (OCL): 350μH MIN @100kHz, 0.1VRMS, 8mADC 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(f/30)dB MIN FROM 30.1MHz TO 60MHz
    - 12dB MIN FROM 60.1MHz TO 80MHz
    - CROSSTALK ATTENUATION: 35dB MIN FROM 0.5MHz TO 4.0MHz
    - 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: 2250VDC (MAX) FOR 60 SECONDS WITH A RISE TIME OF 500V/SEC.
- △ IF NO CAPACITOR, TRACE IS CONTINUOUS.
- 5. OPERATING TEMPERATURE: FROM 0° TO +70°C.
- △ INDICATED CONNECTIONS ARE FOR NIC CONFIGURATION. 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. THESE PARTS ARE RECOMMENDED FOR WAVE SOLDERING PROCESS, PEAK WAVE SOLDERING TEMPERATURE IS 265°C MAX, 10 SECONDS MAX.
- △ **OBSOLETE PARTS:** OBSOLETE CIS STREAMLINING PER D.RENAUD/D.SINISI

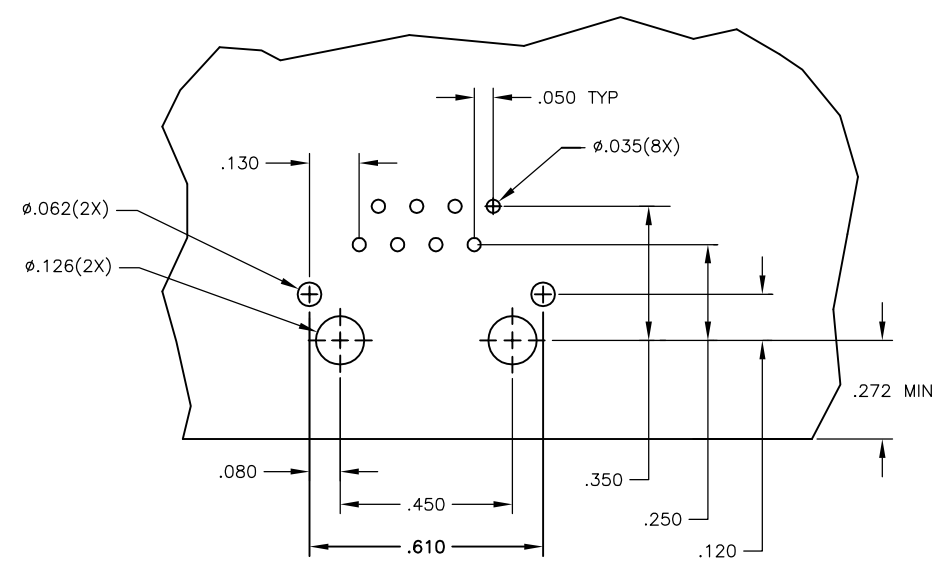


**Suggested Panel Cutout**

**726 SERIES MAGNETIC CIRCUIT**



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



**Suggested PCB Layout (Component Side)**

	.090±.010	YES	1-6605759-1
△ OBSOLETE	.145±.010	NO	<del>6605759-2</del>
	.145±.010	YES	6605759-1
	DIM A	△ DECOUPLING CAPACITOR	PART NUMBER

THIS DRAWING IS A CONTROLLED DOCUMENT.		DWG: L. VARELA - DOCKS CHK: D. FAROLE APP'D: D. FAROLE 01MAR2005 01MAR2005	TRP connector Dongguan China
DIMENSIONS: INCHES 0 PLG ± - 1 PLG ± - 2 PLG ± .010 3 PLG ± .005 4 PLG ± - ANGLES ± -	TOLERANCES UNLESS OTHERWISE SPECIFIED: 0 PLG ± - 1 PLG ± - 2 PLG ± .010 3 PLG ± .005 4 PLG ± - ANGLES ± -	PRODUCT SPEC 108-2100 APPLICATION SPEC - WEIGHT - MATERIAL △	TRP connector Dongguan China PRODUCT SPEC 108-2100 APPLICATION SPEC - WEIGHT - MATERIAL △
CUSTOMER DRAWING		SCALE: NTS SHEET 1 of 1 REV F	RESTRICTED TO - - -