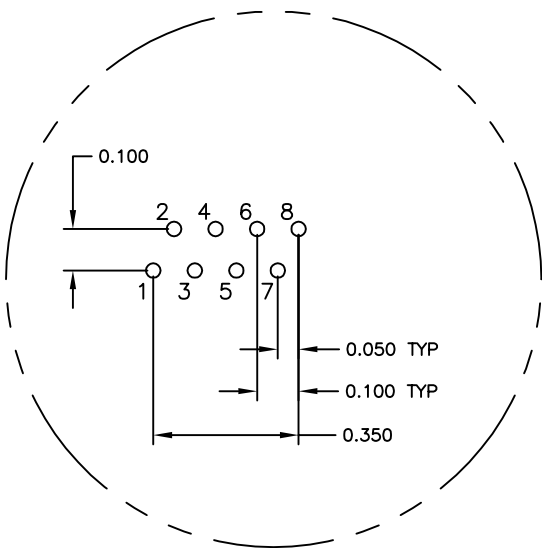
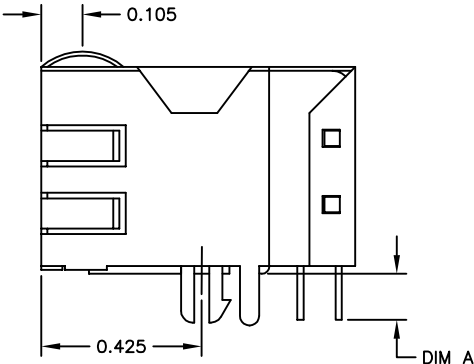
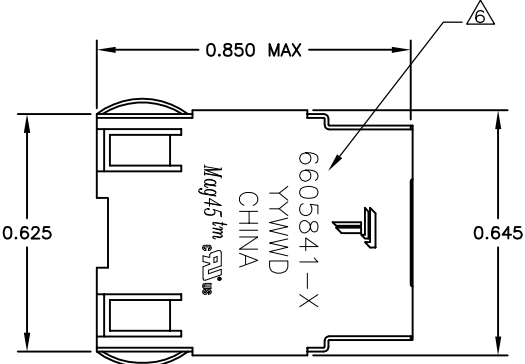
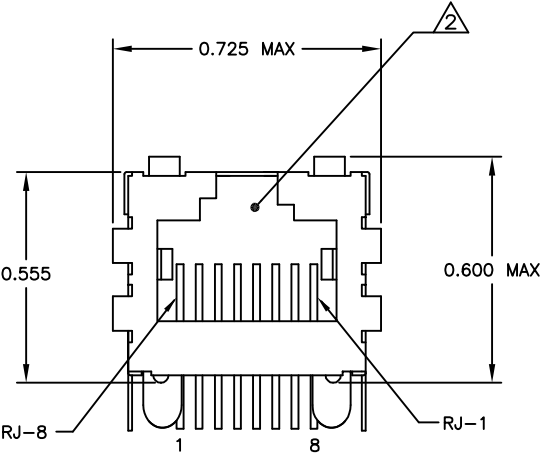
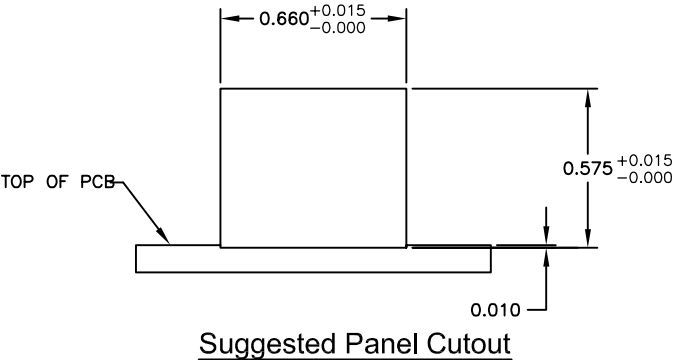


MECHANICAL:



Pin Designations

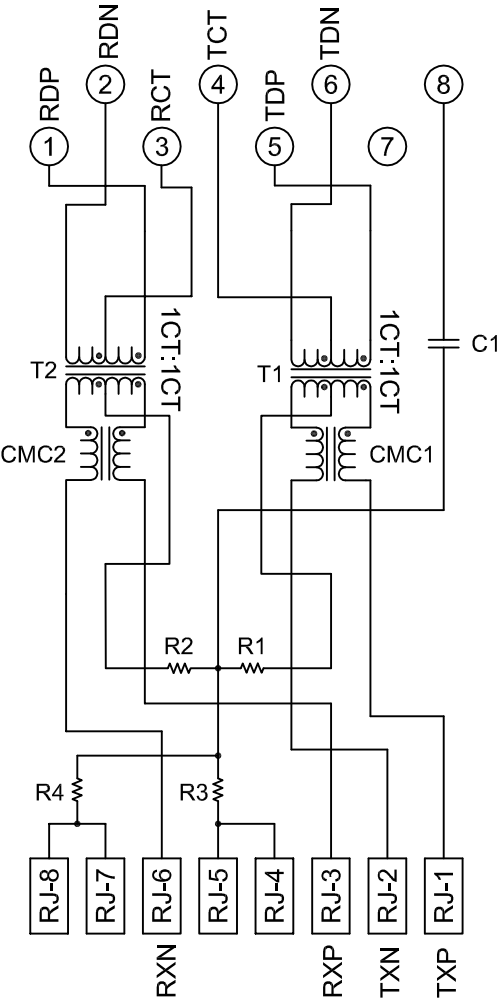
- ⚠ MATERIALS:
-HOUSING - THERMOPLASTIC PET POLYESTER FLAMMABILITY RATING UL 94V-0.
-SHIELD - 0.010" THICK, C26800 BRASS PREPLATED WITH 30μINCH MIN SEMI-BRIGHT NICKEL, SOLDER TABS POST DIPPED WITH 100μINCH MIN SAC SOLDER.
-MOD JACK CONTACTS - 0.0157" x 0.018" PHOSPHOR BRONZE, 50μINCH MIN OVERALL NICKEL 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 -40°C TO +85°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 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 -40° - +85°C
- ⚠ INDICATED CONNECTIONS ARE FOR NIC CONFIGURATION. THE MAGNETICS ARE SYMMETRICAL, AND THEREFORE ARE AUTO-MDI/MDIX CAPABLE.
- ⚠ TRP CONNECTOR, PART NUMBER, DATE CODE, COUNTRY OF ORIGIN AND AGENCY APPROVAL MARKING IN APPROXIMATE LOCATION SHOWN.
7. THE PART IS RECOMMENDED FOR WAVE SOLDERING PROCESS,PEAK WAVE SOLDERING TEMPERATURE IS 265°C MAX, 10 SECONDS MAX.



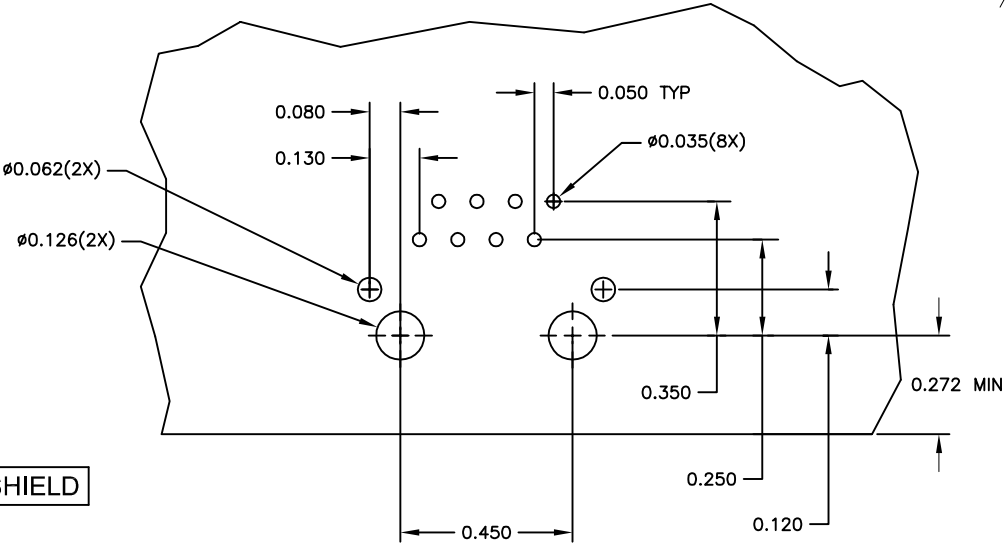
Suggested Panel Cutout

SHIELD

726ET SERIES MAGNETIC CIRCUIT

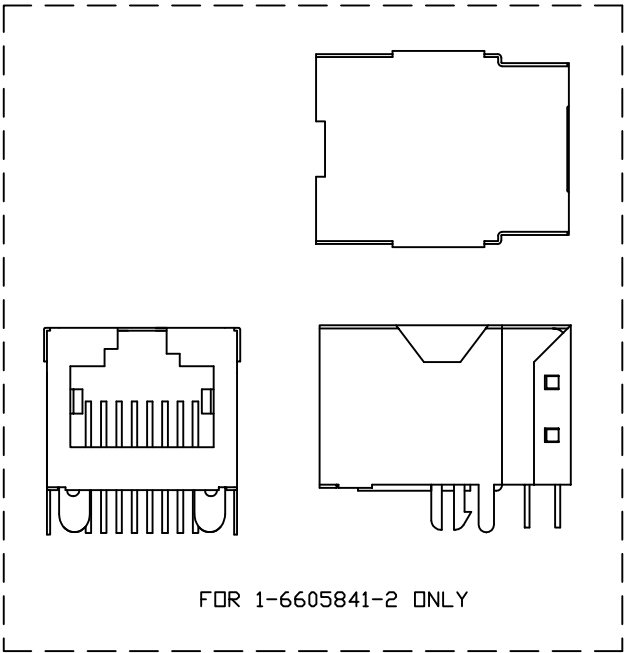


C1 = 1000 pF, 2kV CAPACITOR
R1-R4 = 75 OHMS, 1/16W RESISTORS



Suggested PCB Layout
(Component Side)

SHIELD



FOR 1-6605841-2 ONLY

NO	0.120±0.010	1-6605841-2
YES	0.120±0.010	6605841-2
YES	0.145±0.010	6605841-1
EMI FINGER	DIMENSION A	PART NUMBER

THIS DRAWING IS A CONTROLLED DOCUMENT.		DRN L VARELA - 07MAR2005 CHK D. FAROLE 07MAR2005 APP'D D. FAROLE 07MAR2005	TRP connector Dongguan China
DIMENSIONS: INCHES	TOLERANCES UNLESS OTHERWISE SPECIFIED:	PRODUCT SPEC 108-2100	NAME 1X1 MAG45(TM), 7N2ET INDUSTRIAL TEMPERATURE SCHEMATIC, 726 SERIES CIRCUIT, SHIELDED, DECOUPLING CAPACITOR, WITH NO LEDS
MATERIAL	FINISH	WEIGHT	RESTRICTED TO
1	1	-	A100779C=6605841
CUSTOMER DRAWING		SCALE NTS	SHEET 1 OF 1 REV F