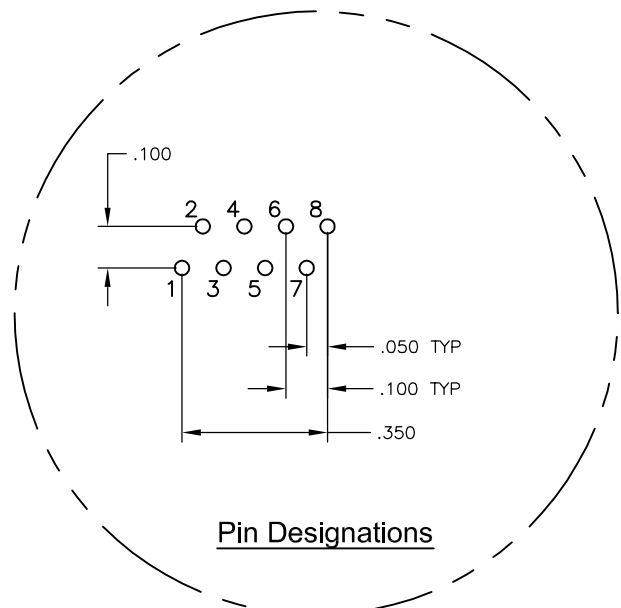
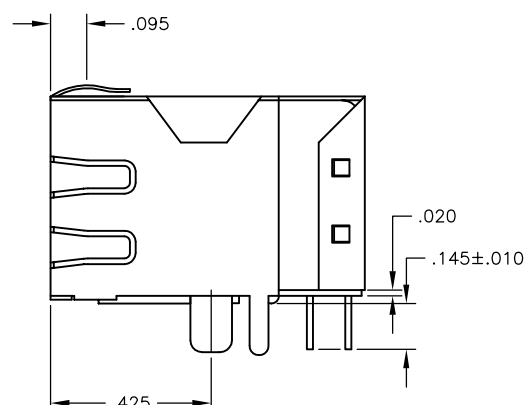
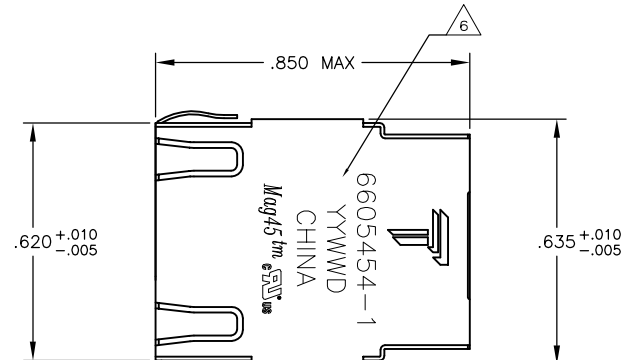
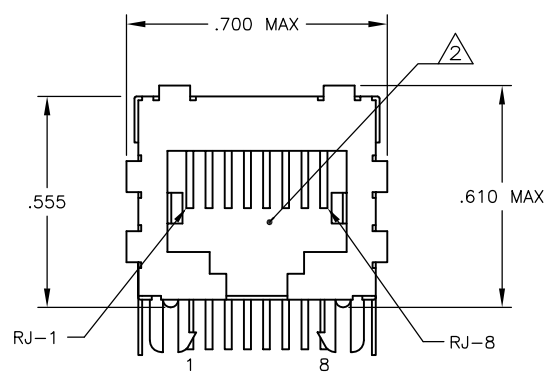
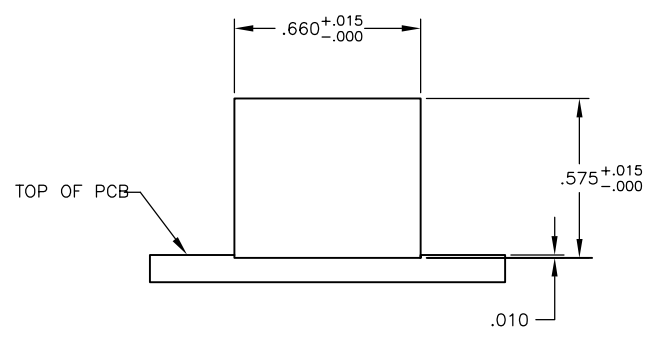


MECHANICAL:

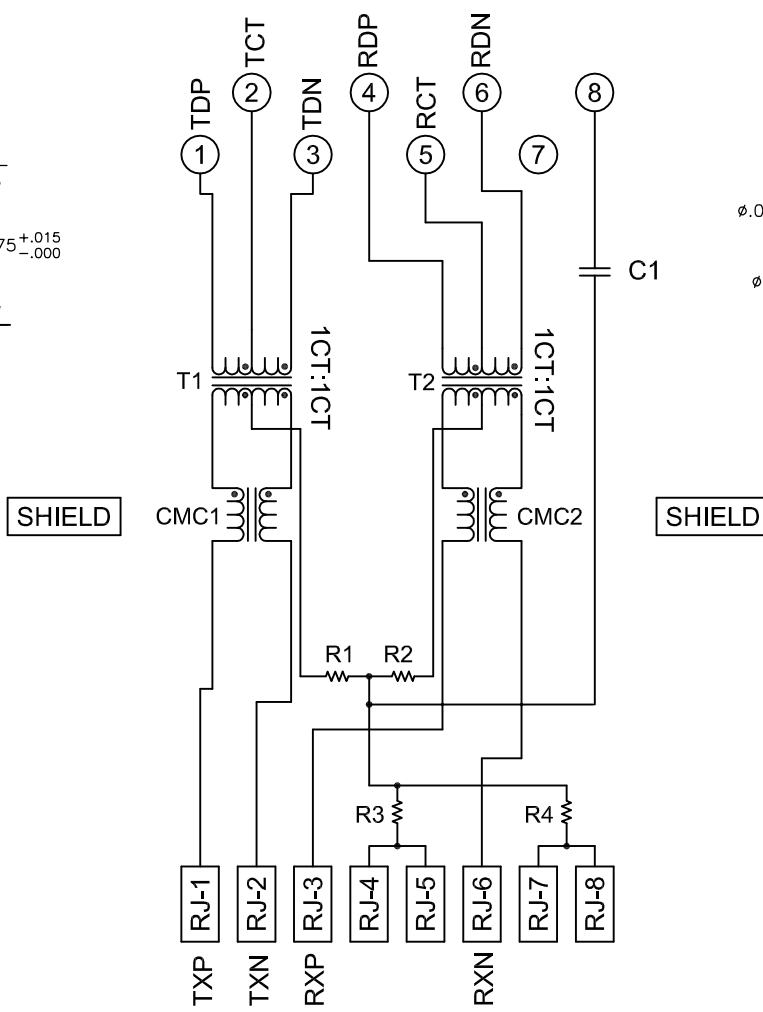


- ⚠ MATERIALS:
HOUSING - THERMOPLASTIC PET POLYESTER FLAMMABILITY RATING UL 94V-0.
SHIELD - .010" THICK, C26800 BRASS PREPLATED WITH 30μINCH MIN SEMI-BRIGHT NICKEL. SOLDER TABS POST DIPPED WITH 100μINCH MIN SAC SOLDER.
MOD JACK CONTACTS - 0.0157 X 0.018" PHOSPHOR BRONZE, 50μINCH MIN OVERALL NICKEL UNDERPLATE WITH SELECT 50μINCH MIN HARD GOLD FINISH PLATE.
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): 350mH 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
 33-20×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.
4. OPERATING TEMPERATURE: FROM -40°C TO +85°C.
- ⚠ INDICATED CONNECTIONS ARE FOR NIC CONFIGURATION. THE MAGNETICS ARE SYMMETRIC, AND SUPPORT AUTO-MDI/MDIX.
- ⚠ TRP CONNECTOR LOGO, PART NUMBER, DATE CODE, COUNTRY OF ORIGIN AND AGENCY APPROVAL MARKING IN APPROXIMATE LOCATION SHOWN.
7. 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.

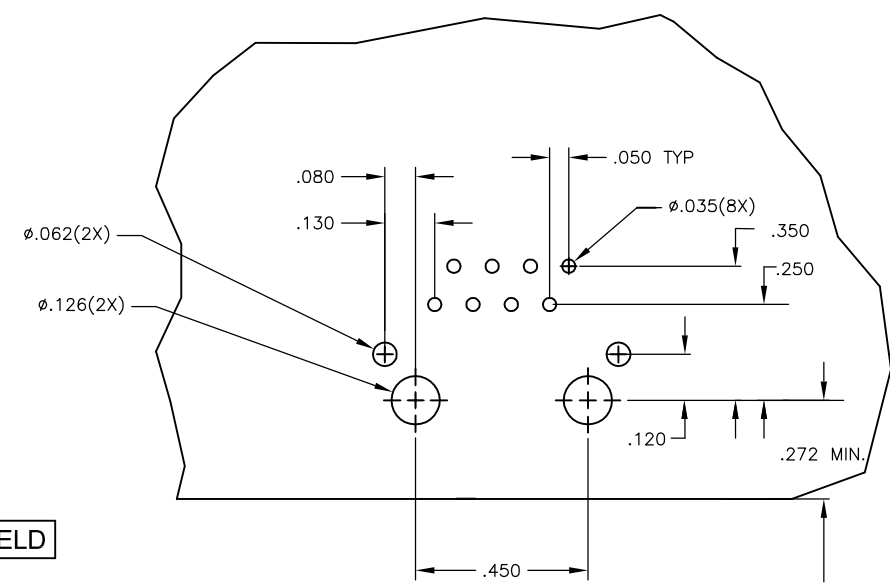


Suggested Panel Cutout

426P1ET SERIES MAGNETIC CIRCUIT



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



Suggested PCB Layout
(Component Side)

THIS DRAWING IS A CONTROLLED DOCUMENT.

DIMENSIONS:	TOLERANCES UNLESS OTHERWISE SPECIFIED:
INCHES	
0 PL	± .005
1 PL	± .005
2 PL	± .010
3 PL	± .005
4 PL	± .005
ANGLES	± .005

MATERIAL	FINISH
1	1

APPROVED
A. FERNANDEZ
D. FAROLE
D. FAROLE

04MAR2006
DOCK 5
04MAR2005
04MAR2005

PRODUCT SPEC
108-2100
APPLICATION SPEC
—
WEIGHT
—
CUSTOMER DRAWING

TRP connector
Dongguan China

MAG45(TM), 4N2ETP1 INDUSTRIAL TEMPERATURE SCHEMATIC, 426P1ET SERIES CIRCUIT, DECOUPLING CAPACITOR, WITH WAVE PANEL GROUNDS, NO LEDS

SIZE
A1

CAGE CODE
C=6605454

DRAWING NO
—

6605454-1
PART NUMBER

SCALE
NTS

SHEET
1 OF 1

REV
D