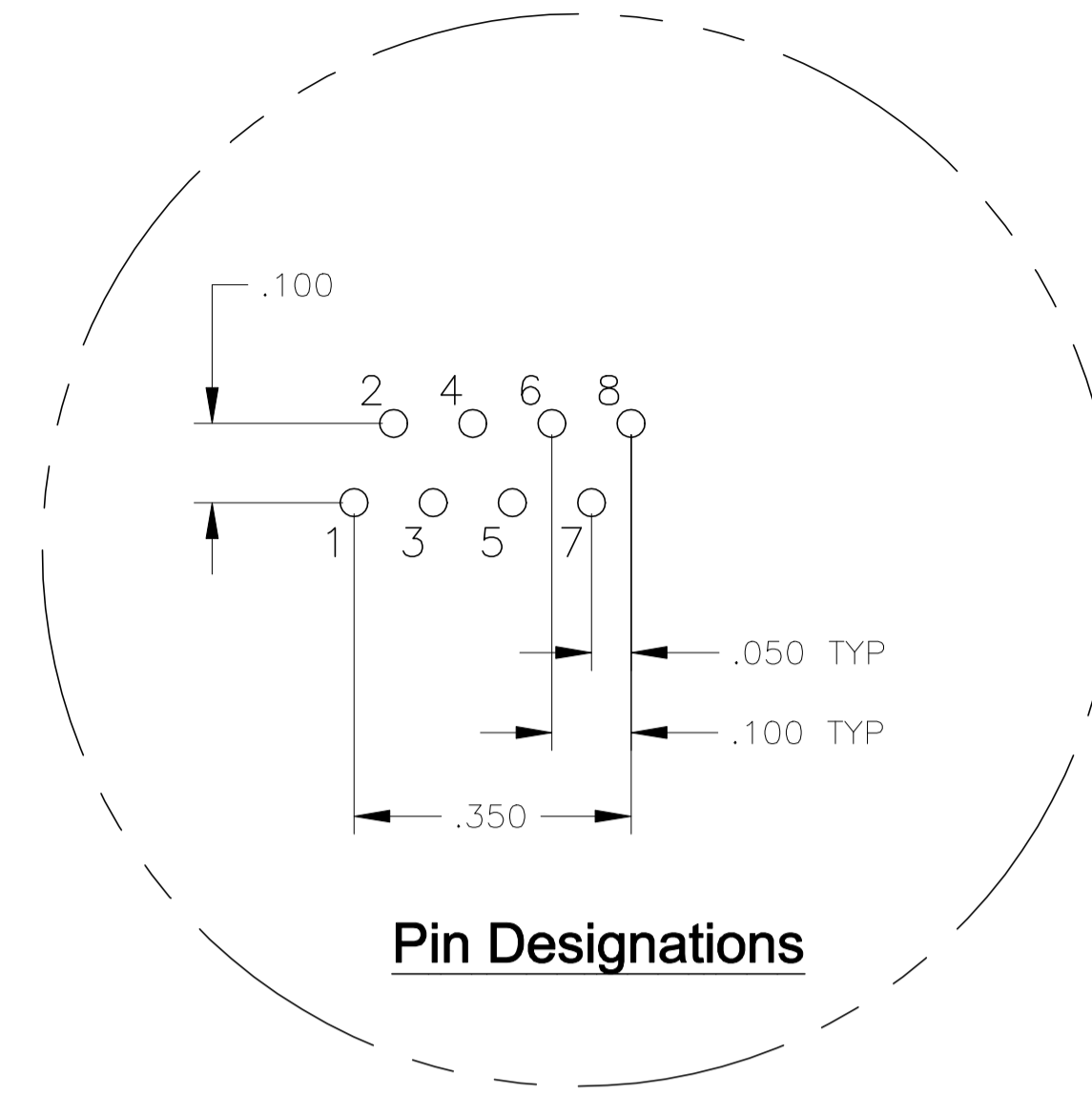
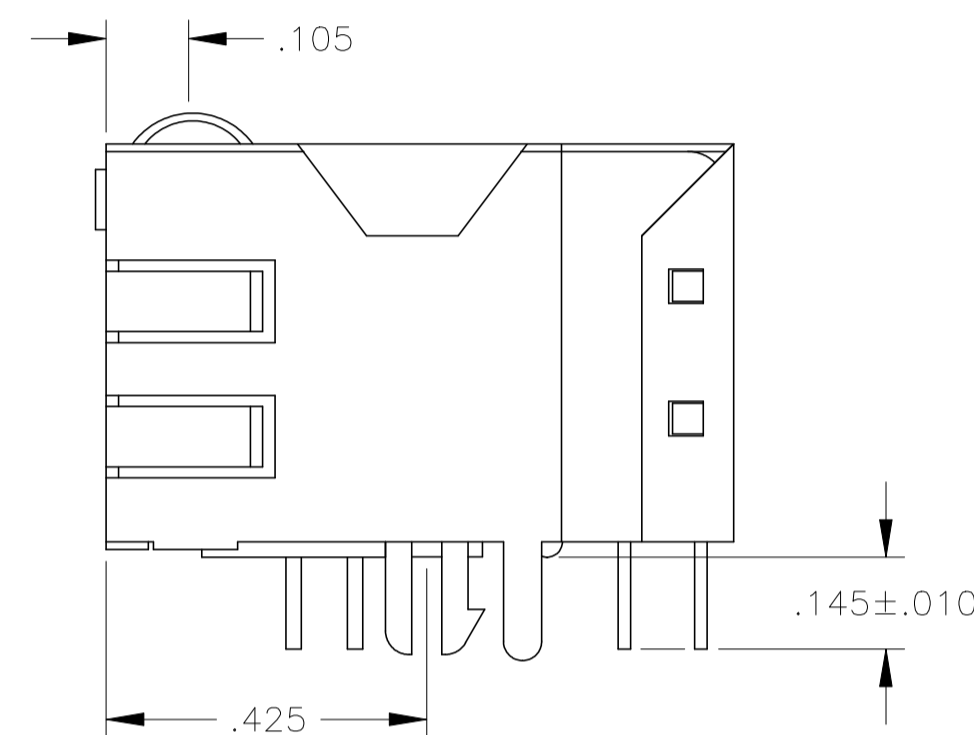
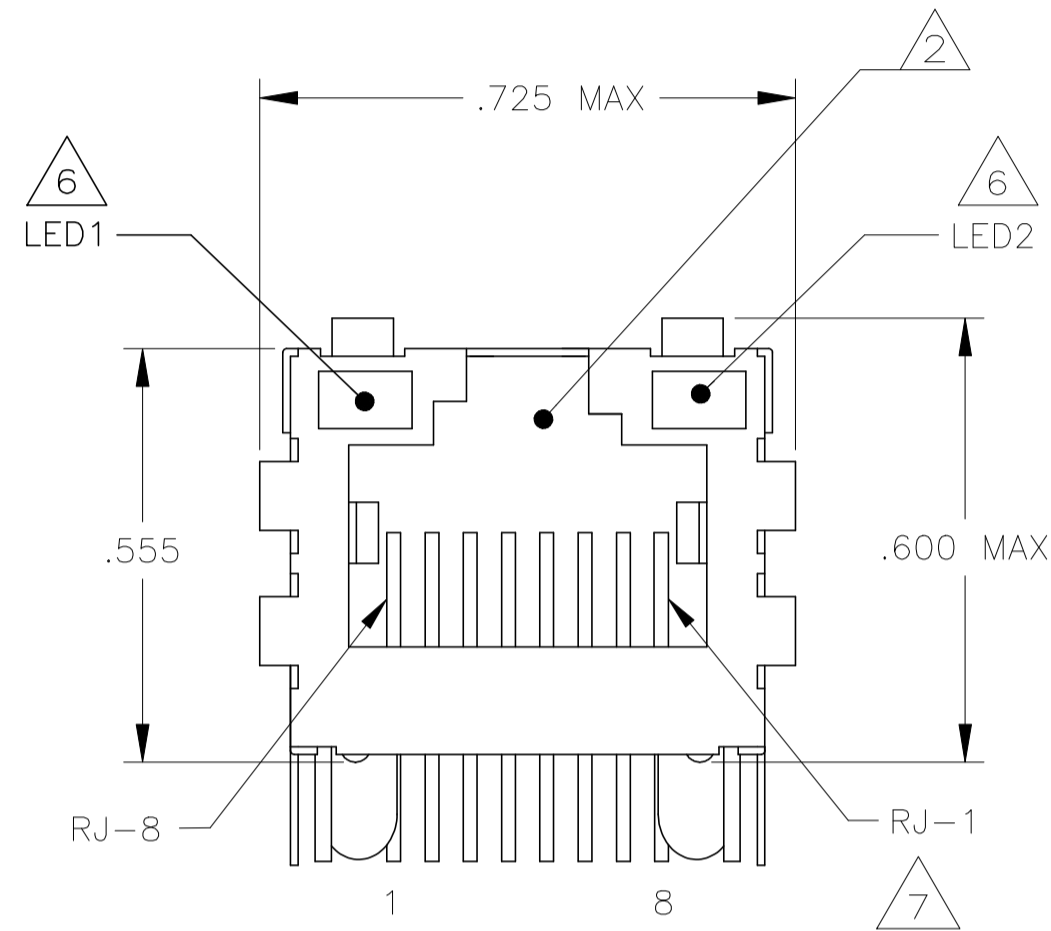
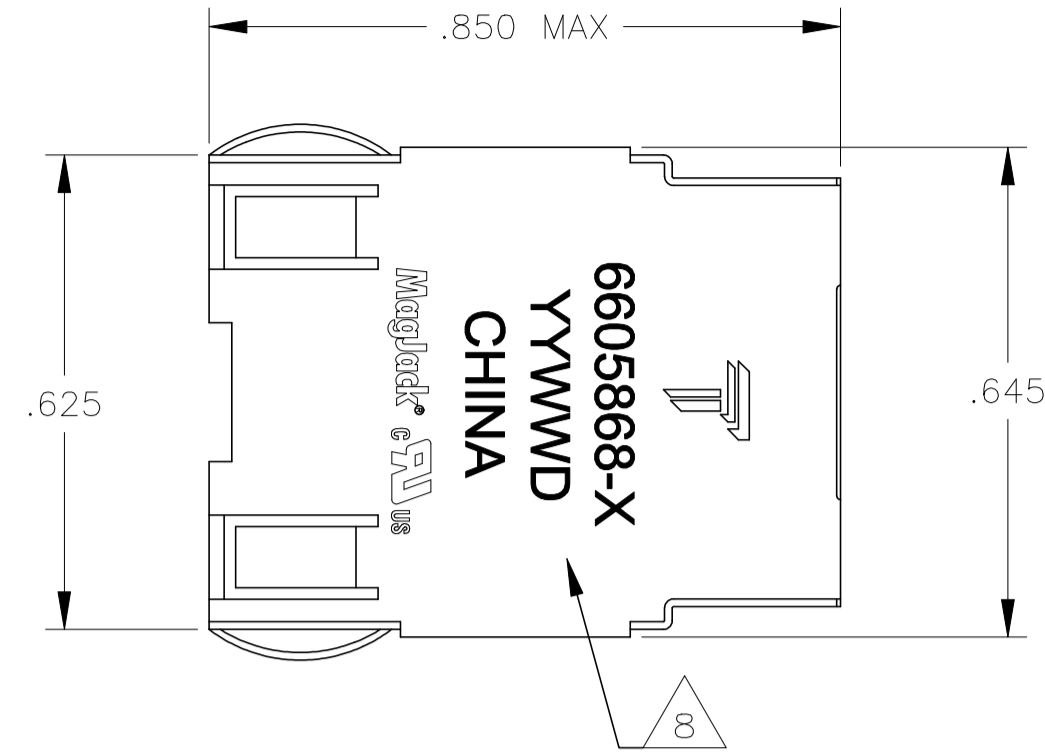


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PRODUCT MAY BE PROTECTED BY ONE OR MORE OF THE FOLLOWING US PATENTS:  
 5736910 5939955 6425781 6428361 6554638 6840817 7123117  
 7429195 7717749 7808751 6217391 6149050 7924130

REVISIONS				
P	LYR	DESCRIPTION	DATE	APVD
E		EC-1411035 COMPANY LOGO CHANGE	12JAN2015	HY KZ

**MECHANICAL:**



**Pin Designations**

- 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 TAILS 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.
- 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:

4. OPERATING TEMPERATURE: FROM -40°C TO +85°C INDUSTRIAL TEMPERATURE RATED.

INDICATED CONNECTIONS ARE FOR NIC CONFIGURATION. THE MAGNETICS ARE SYMMETRICAL, AND SUPPORT AUTO-MDI/MDIX.

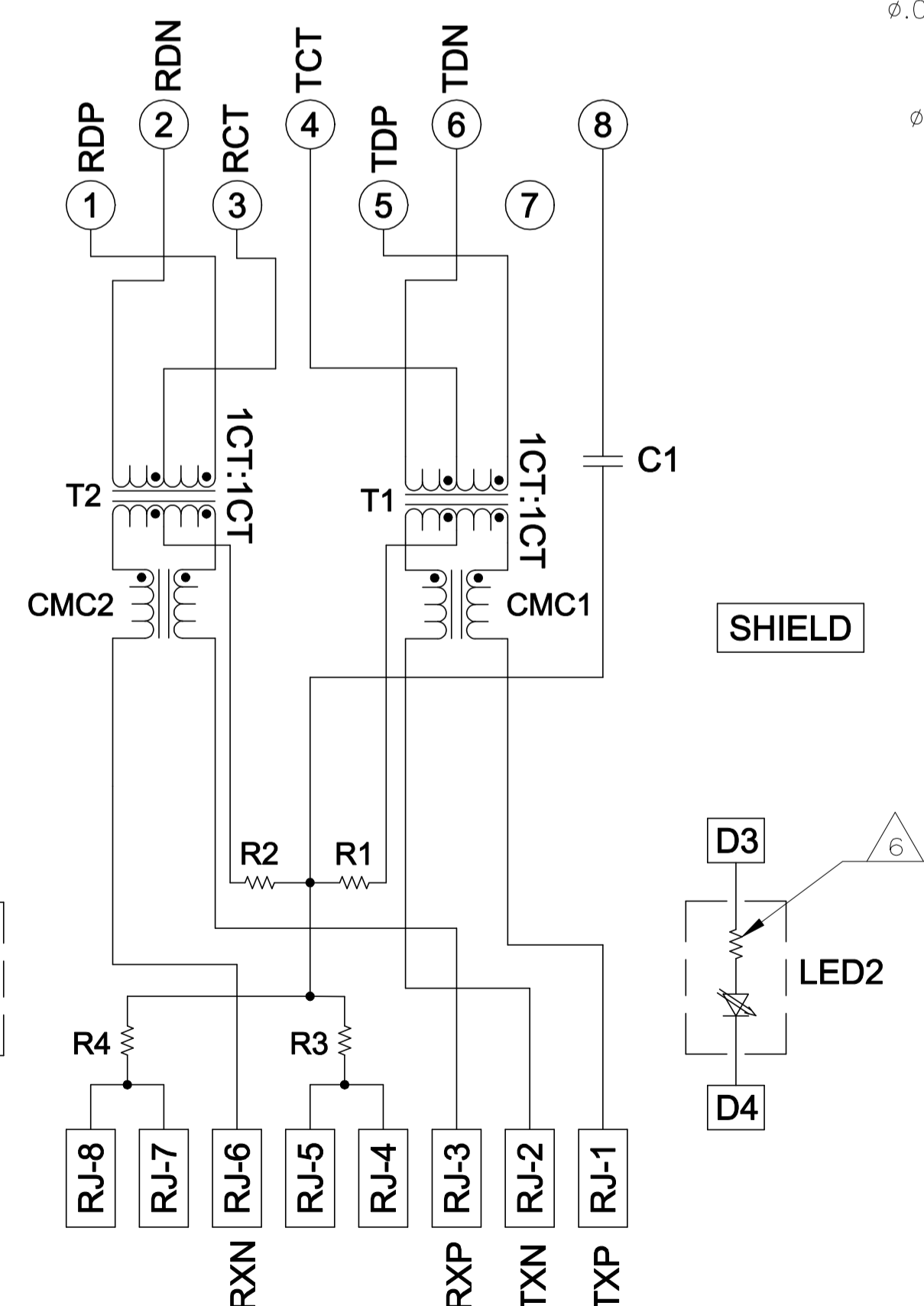
THE 250 OHM RESISTOR IS INCLUDED IN THE LEDS.  
 LEDS ARE DRIVEN WITH 5V VOLTAGE AND THE MAX OPERATING CURRENT IS 20mA.  
 LED COLOR: DOMINANT WAVELENGTH (λD): GREEN 568 nm TYP @ VF=5V  
 FORWARD CURRENT (IF): GREEN 12mA TYP @ VF=5V  
 DOMINANT WAVELENGTH (λD): YELLOW 588 nm TYP @ VF=5V  
 FORWARD CURRENT (IF): YELLOW 13mA TYP @ VF=5V

CONTACT LUBRICANT APPLIED IN MATING AREA.

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

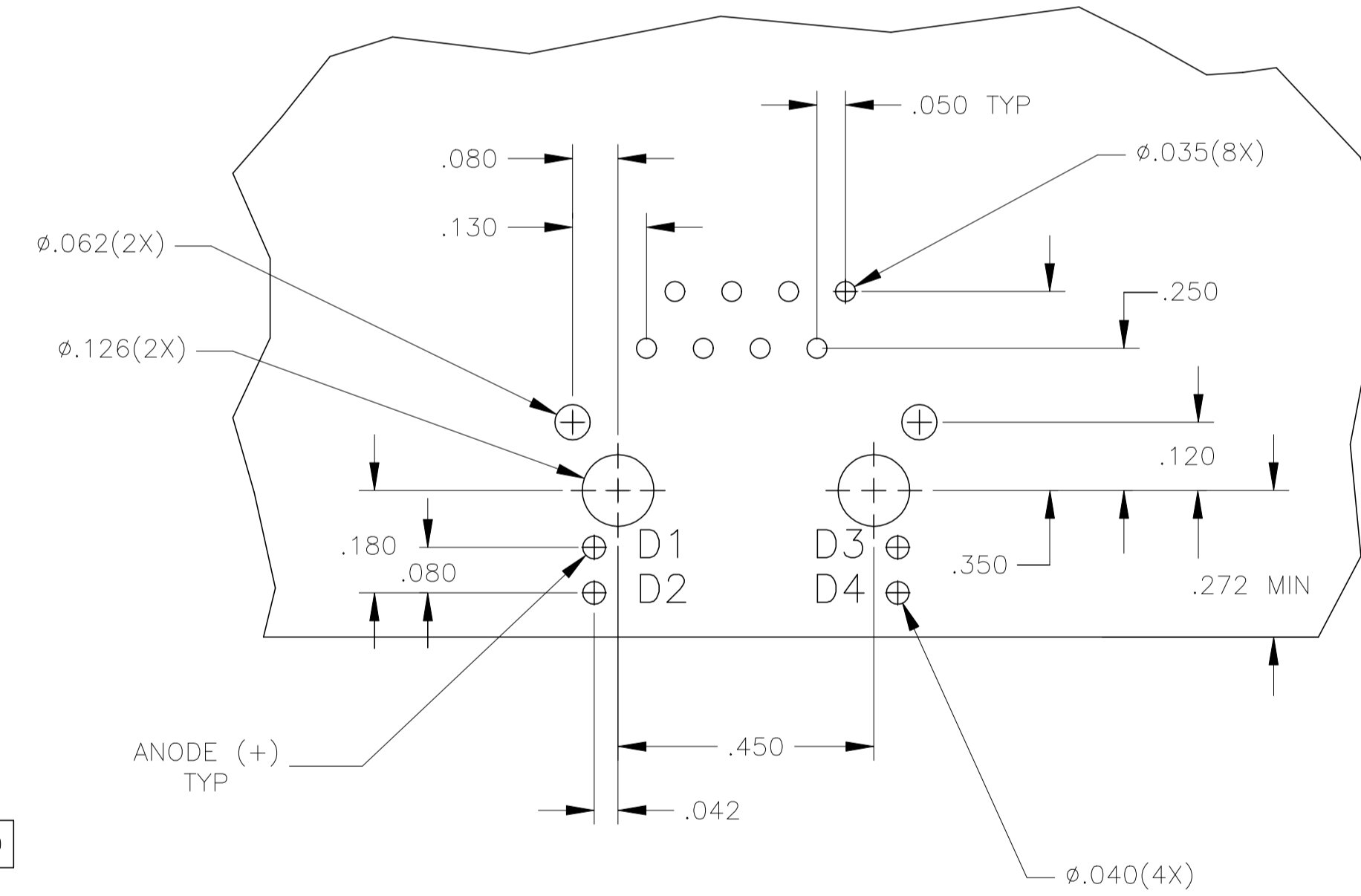
9. THE PART IS RECOMMENDED FOR WAVE SOLDERING PROCESS, PREHEAT TEMPERATURE IS 120°C TO 160°C, 120 SECONDS TO 180 SECONDS, PEAK WAVE SOLDERING TEMPERATURE IS 260°C MAX, 10 SECONDS MAX.

**ELECTRICAL:**  
**726ET SERIES MAGNETIC CIRCUIT**

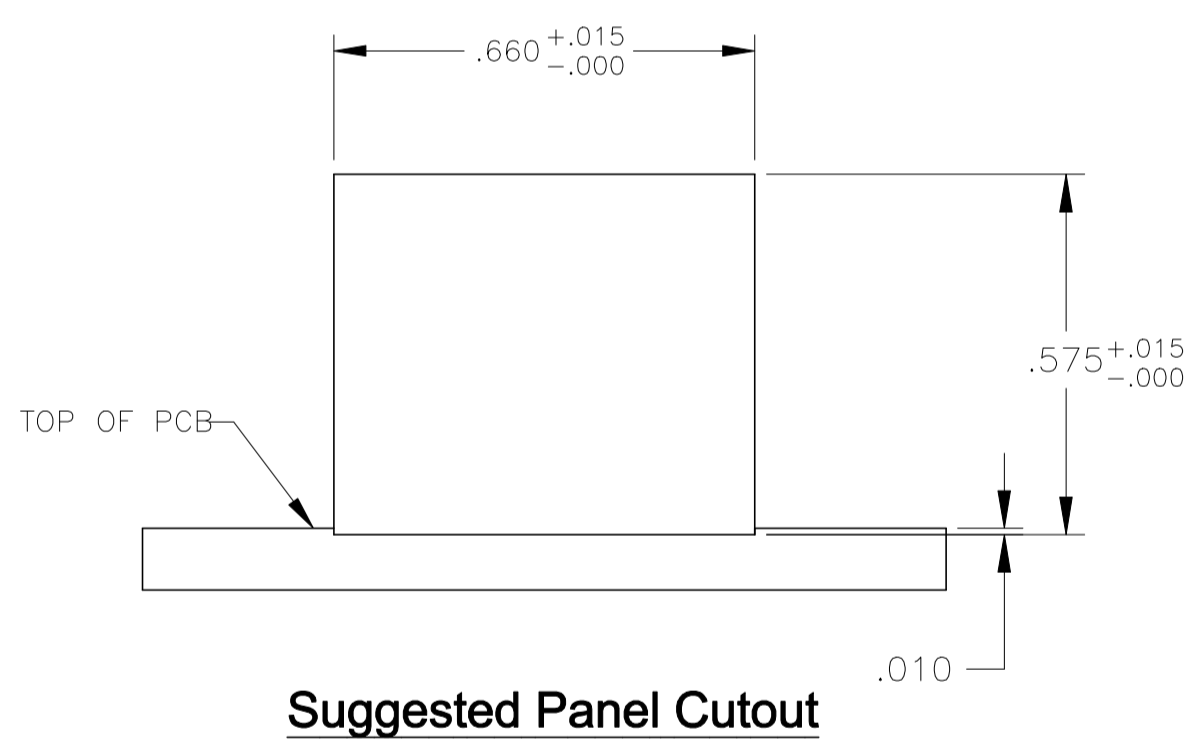


C1= 1000 pF, 2kV DECOUPLING CAPACITOR

R1-R4 = 75 OHMS, 1/16 W, 5% RESISTORS



**Suggested PCB Layout (Component Side)**



**Suggested Panel Cutout**

GREEN	YELLOW	5-6605868-1
LED1	LED2	PART NUMBER

THIS DRAWING IS A CONTROLLED DOCUMENT.		DWN L. VARELA - DOCK5		OSMAR2005	
DIMENSIONS: INCHES		CHK D. FAROLE		OSMAR2005	
TOLERANCES UNLESS OTHERWISE SPECIFIED:		APVD D. FAROLE		OSMAR2005	
0 PLC	± .005	MODEL NAME		DESC 1X1 726ET 10/100 TAB UP W/ LED	
1 PLC	± .010	MAGJACK SINGLE		SIZE CAGE CODE DRAWING NO RESTRICTED TO	
2 PLC	± .015	NON-POE		A1 C=6605868	
3 PLC	± .020	CUSTOMER DRAWING		SCALE NTS SHEET 1 OF 1 REV E	
4 PLC	± .025				
ANGLES	± .005				
APPLICATION SPEC					

