



Chipsmall Limited consists of a professional team with an average of over 10 year of expertise in the distribution of electronic components. Based in Hongkong, we have already established firm and mutual-benefit business relationships with customers from,Europe,America and south Asia,supplying obsolete and hard-to-find components to meet their specific needs.

With the principle of "Quality Parts,Customers Priority,Honest Operation,and Considerate Service",our business mainly focus on the distribution of electronic components. Line cards we deal with include Microchip,ALPS,ROHM,Xilinx,Pulse,ON,Everlight and Freescale. Main products comprise IC,Modules,Potentiometer,IC Socket,Relay,Connector.Our parts cover such applications as commercial,industrial, and automotives areas.

We are looking forward to setting up business relationship with you and hope to provide you with the best service and solution. Let us make a better world for our industry!



Contact us

Tel: +86-755-8981 8866 Fax: +86-755-8427 6832

Email & Skype: info@chipsmall.com Web: www.chipsmall.com

Address: A1208, Overseas Decoration Building, #122 Zhenhua RD., Futian, Shenzhen, China

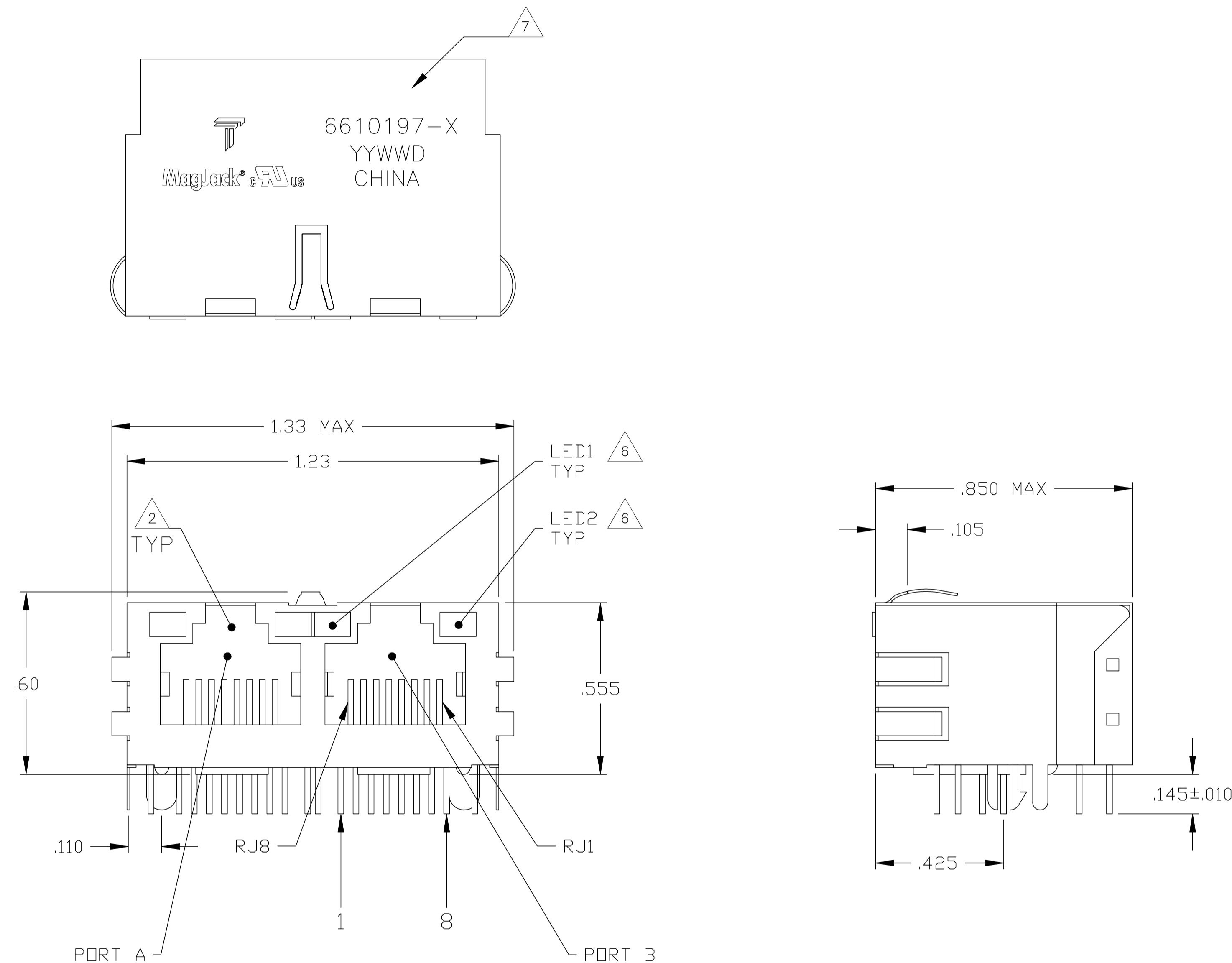


THIS DRAWING AND THE SUBJECT MATTER SHOWN THEREON ARE CONFIDENTIAL AND THE PROPERTY OF BEL/STEWART/TRP CONNECTOR AND SHALL NOT BE REPRODUCED, COPIED, OR USED IN ANY MANNER WITHOUT THE WRITTEN CONSENT OF TRP CONNECTOR.

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
D		EC-1411035 COMPANY LOGO CHANGE	08JAN2015	DZ TL

MECHANICAL:



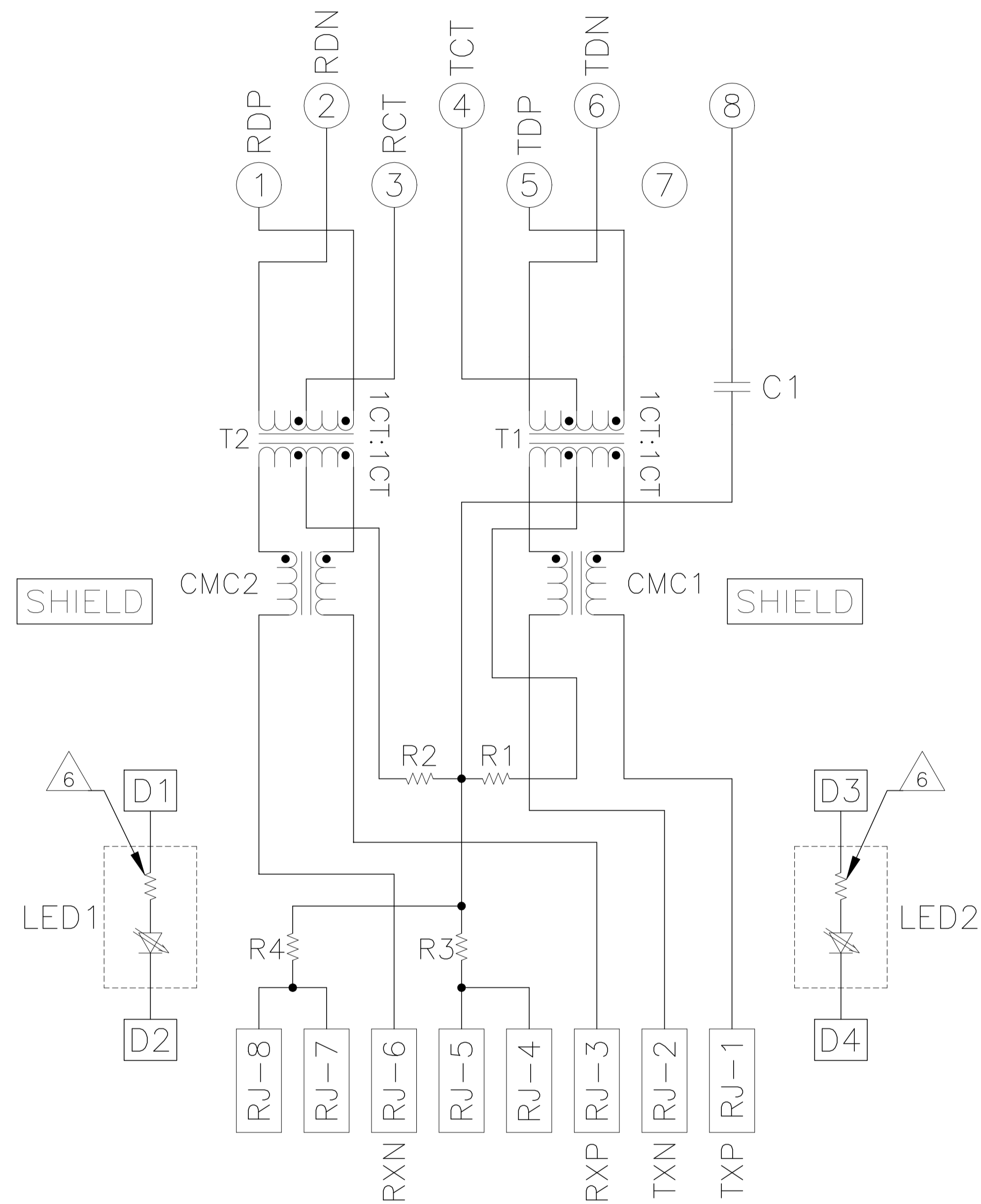
1. MATERIALS:
 - HOUSING - THERMOPLASTIC PET POLYESTER FLAMMABILITY RATING UL 94V-0.
 - SHIELD - .010" THICK, C26800 BRASS PREPLATED WITH 30μ INCH MIN SEMI-BRIGHT NICKEL. SOLDER TABS POST DIPPED WITH 100μ INCH MIN SAC SOLDER.
 - MOD JACK CONTACTS - 0.0157 X 0.018" PHOSPHOR BRONZE, 50μ INCH MIN OVERALL NICKEL UNDERPLATE WITH SELECT 50μ INCH MIN HARD GOLD FINISH PLATE. SOLDER TAILS WITH 100μ INCH 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 80μ INCH SILVER OVER 40μ INCH NICKEL UNDERPLATE OVER 40μ INCH COPPER UNDERPLATE. POST-PLATED WITH 100μ INCH 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.
3. MAGNETICS
 - IMPEDANCE: 100 OHMS
 - TURNS RATIO (CHIP:CABLE): TX = 1:1, RX = 1:1
 - OPEN CIRCUIT INDUCTANCE (OCL): 350μ H 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: COMPLIES WITH IEEE802.3 2002, PARA 23.5.1.1, ITEM b.
4. OPERATING TEMPERATURE: FROM -40°C TO +85°C
5. INDICATED CONNECTIONS ARE FOR NIC CONFIGURATION. THE MAGNETICS ARE SYMMETRICAL AND SUPPORT AUTO-MDI/MDIX.
6. LEDs WITH BUILT-IN RESISTOR
 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
7. TRP CONNECTOR LOGO, PART NUMBER, DATE CODE, COUNTRY OF ORIGIN AND AGENCY APPROVAL MARKING IN APPROXIMATE LOCATION SHOWN.
8. 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.

1X2 SUGGESTED PANEL CUTOUT

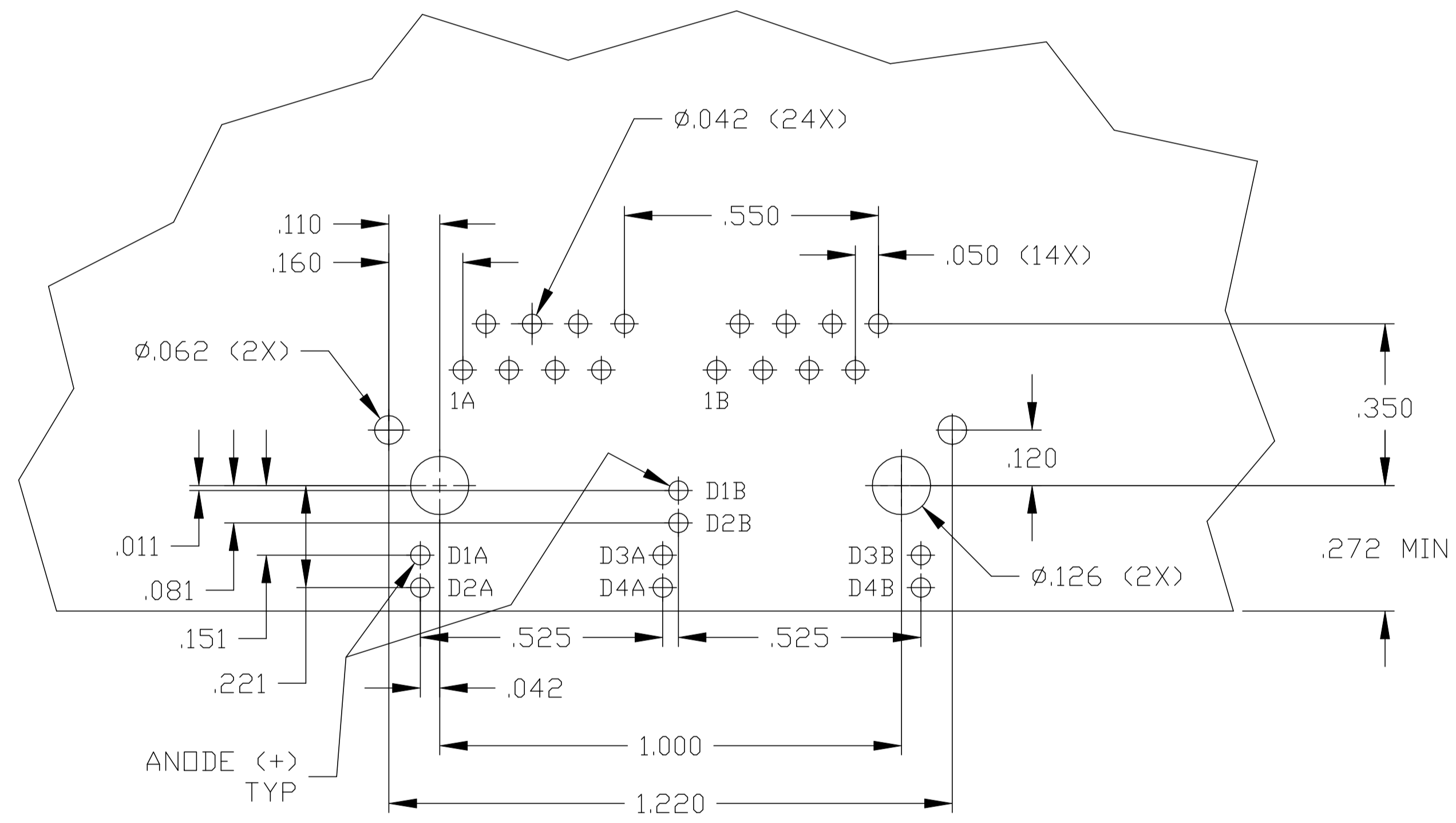
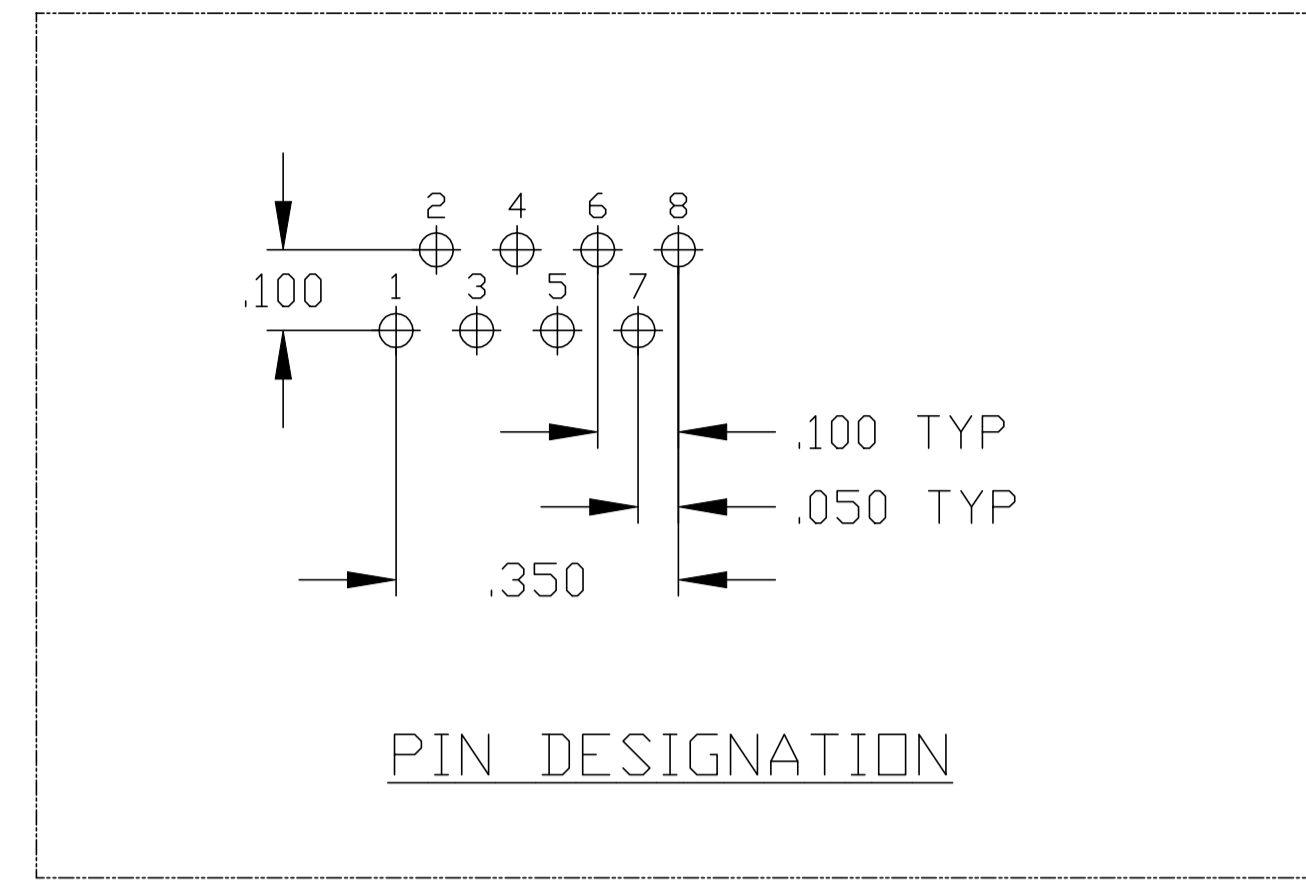
YES	GREEN	YELLOW	5-6610197-1
DECOUPLING CAPACITOR	LED1	LED2	PART NUMBER

THIS DRAWING IS A CONTROLLED DOCUMENT.		DWN G. ATTADIA - DOCK5 17MAR2005		CHK D. FAROLE 17MAR2005		APVD D. FAROLE 17MAR2005		TRP CONNECTOR DONGGUAN CHINA													
DIMENSIONS: INCHES		TOLERANCES UNLESS OTHERWISE SPECIFIED:		MODEL NAME		DESC		RESTRICTED TO													
<table border="1"> <tr><td>0 PLC</td><td>± .</td></tr> <tr><td>1 PLC</td><td>± .</td></tr> <tr><td>2 PLC</td><td>± .010</td></tr> <tr><td>3 PLC</td><td>± .005</td></tr> <tr><td>4 PLC</td><td>± .</td></tr> <tr><td>ANGLES</td><td>± .</td></tr> </table>		0 PLC	± .	1 PLC	± .	2 PLC	± .010	3 PLC	± .005	4 PLC	± .	ANGLES	± .	MAGJACK GANG		1X2 726ET 10/100 TAB UP W/ LED		SIZE		-	
0 PLC	± .																				
1 PLC	± .																				
2 PLC	± .010																				
3 PLC	± .005																				
4 PLC	± .																				
ANGLES	± .																				
PRODUCT SPEC 108-2100		APPLICATION SPEC -		NON-POE		CAGE CODE		DRAWING NO													
CUSTOMER DRAWING				A1		C=6610197		SCALE NTS													
				SHEET 1 OF 2		REV D															

726 ET SERIES MAGNETIC CIRCUIT ³ ⁵



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



SUGGESTED PCB LAYOUT
(Component Side)

THIS DRAWING IS A CONTROLLED DOCUMENT.		DWN G. ATTADIA - DOCK5 17MAR2005 CHK D. FAROLE 17MAR2005 APVD D. FAROLE 17MAR2005	DONGGUAN CHINA
DIMENSIONS: INCHES 	TOLERANCES UNLESS OTHERWISE SPECIFIED: 0 PLC ± - 1 PLC ± - 2 PLC ± .010 3 PLC ± .005 4 PLC ± - ANGLES ± - APPLICATION SPEC	MODEL NAME MAGJACK GANG NON-POE	
PRODUCT SPEC 108-2100	APPLICATION SPEC -	SCALE NTS	SHEET 2 OF 2 REV D