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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	LTR	DESCRIPTION	DATE	DWN	APVD
	F	EC-1411035 COMPANY LOGO CHANGE	12JAN2015	HY	KZ

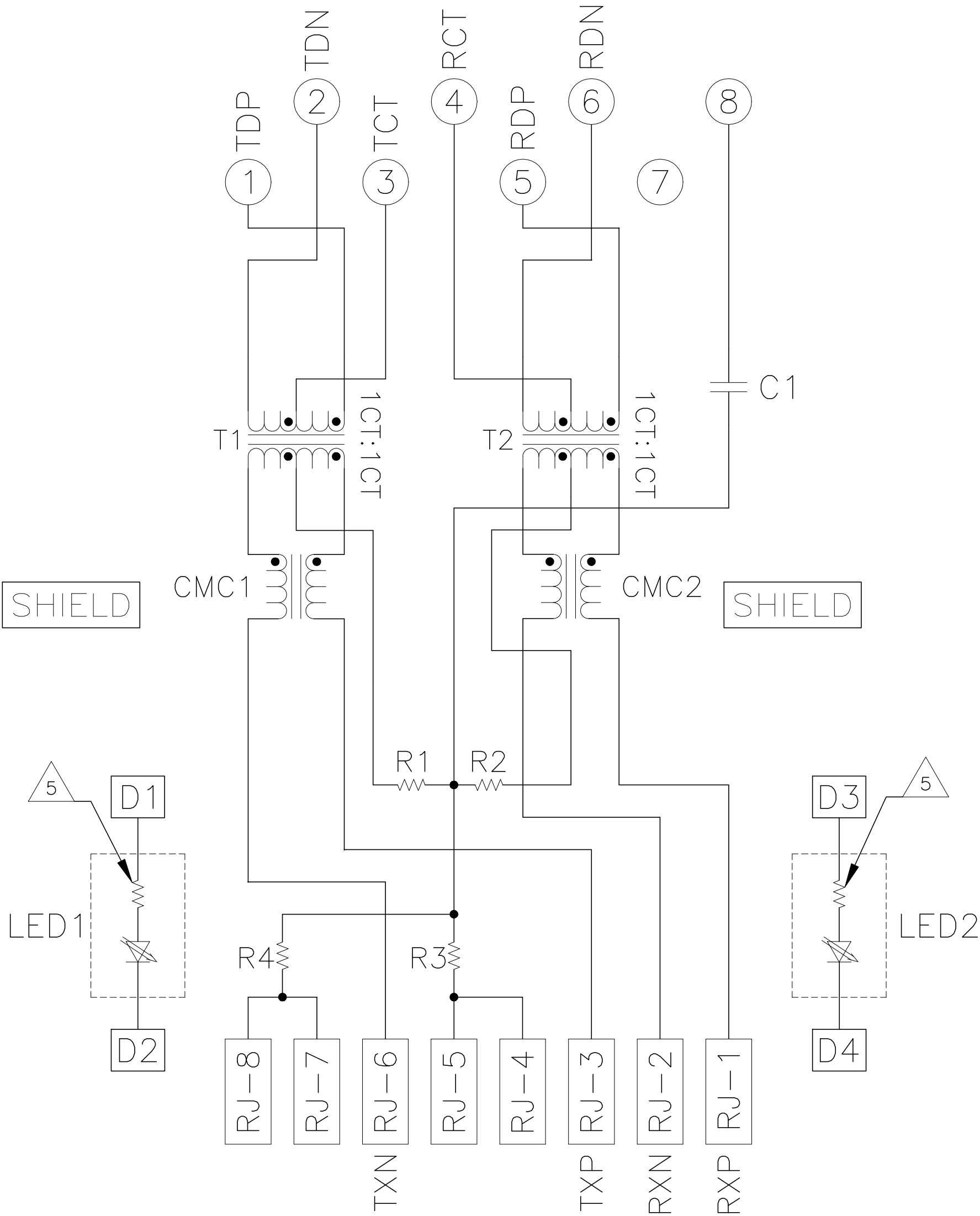
NOTES:

- 1 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 100μIN 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): 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 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 AND WITH ALL PORTS CONNECTED.
4. OPERATING TEMPERATURE: FROM 0°C TO +70°C.
- 5 LED IS DRIVEN WITH 5V VOLTAGE AND THE MAX OPERATING CURRENT IS 20mA.
LED COLOR : DOMINANT WAVELENGTH (λD): GREEN 568 nm TYP. At VF=5V
FORWARD CURRENT (IF): GREEN 12 mA TYP. at VF=5V
DOMINANT WAVELENGTH (λD): YELLOW 588 nm TYP. At VF=5V
FORWARD CURRENT (IF): YELLOW 13 mA TYP. at VF=5V
- 6 INDICATED CONNECTIONS ARE FOR HUB CONFIGURATION. HOWEVER, THE MAGNETICS ARE SYMMETRICAL TO ACCOMODATE CONNECTIONS FOR EITHER NIC OR HUB CONFIGURATION, OR AUTO-MDI/MDIX.
- 7 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, PREHEAT TEMPERATURE IS 120°C TO 160°C, 120 SECONDS TO 180 SECONDS,PEAK WAVE SOLDERING TEMPERATURE IS 260°C MAX,10 SECONDS MAX.

YES	GREEN	YELLOW	5-6610049-1
NO	GREEN	GREEN	1-6610049-1
DECOUPLING CAPACITOR	LED1	LED2	PART NUMBER

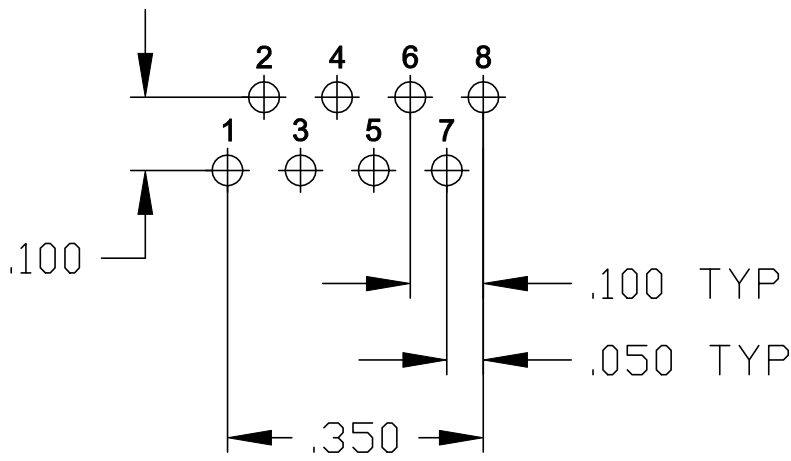
THIS DRAWING IS A CONTROLLED DOCUMENT.		DWN L. VARELA - DOCK5 16MAR2005	 DONGGUAN CHINA	
DIMENSIONS: INCHES		CHK D. FAROLE 16MAR2005		
TOLERANCES UNLESS OTHERWISE SPECIFIED:		APVD D. FAROLE 16MAR2005	MODEL NAME	
0 PLC ± - 1 PLC ± - 2 PLC ± .010 3 PLC ± .005 4 PLC ± - ANGLES ± -		MAGJACK GANG		DESC 1X4 766 10/100 TAB UP W/ LED
PRODUCT SPEC 108-2100		NON-POE		SIZE A1
APPLICATION SPEC -		C=6610049		RESTRICTED TO -
CUSTOMER DRAWING			SCALE 4:1	SHEET 1 OF 2
				REV F

766 SERIES MAGNETIC CIRCUIT

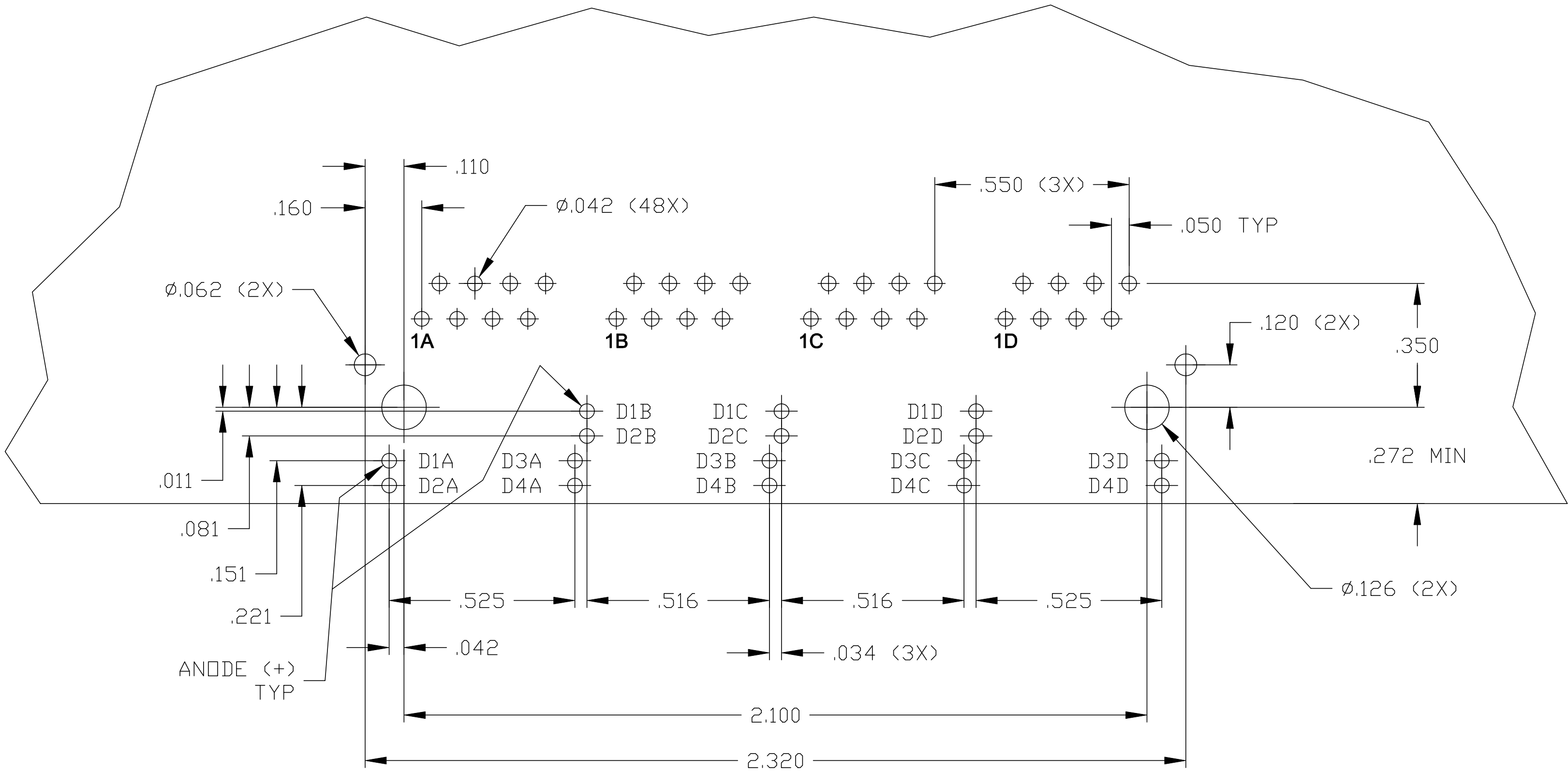


C1 = 1000pF, 2kV CAPACITOR


R1-R4 = 75 OHMS, 1/16 W RESISTOR



PIN DESIGNATIONS



SUGGESTED PCB LAYOUT
(COMPONENT SIDE)

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CUSTOMER DRAWING										SCALE 4:1				SHEET 2 OF 2				REV F																			

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