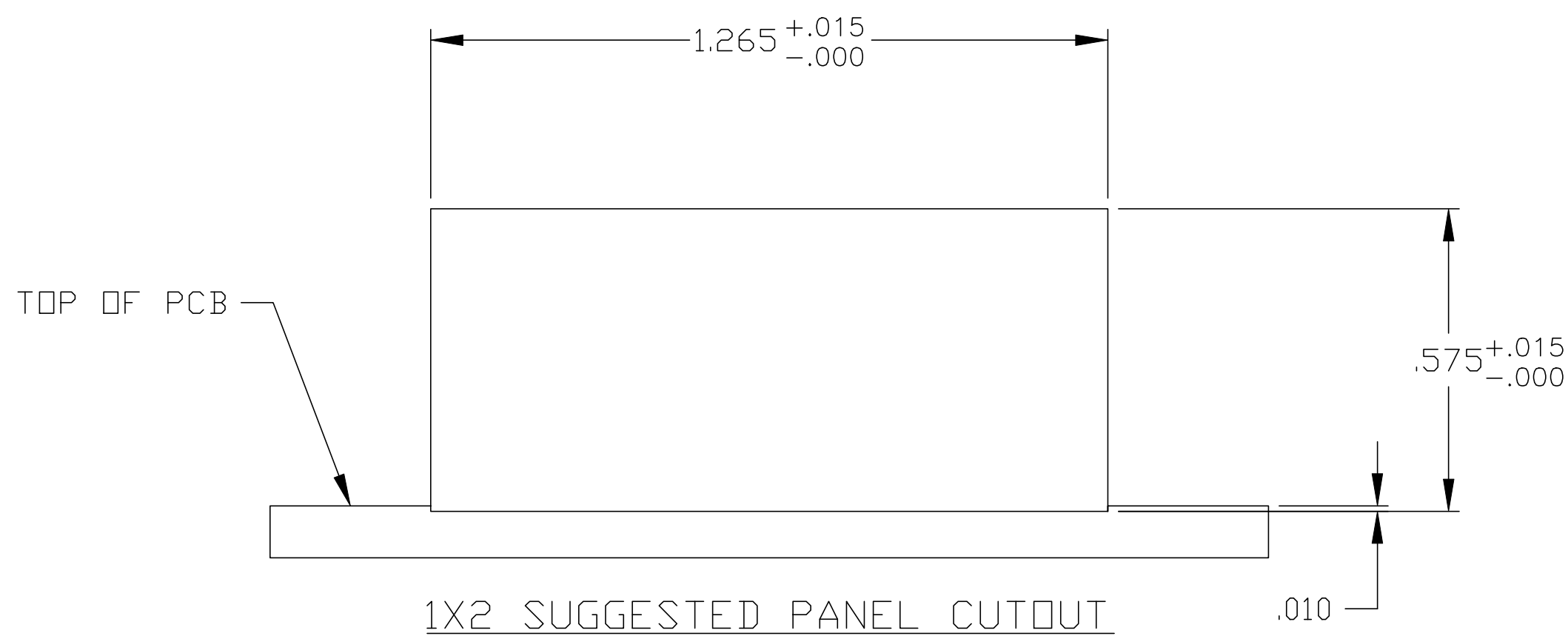
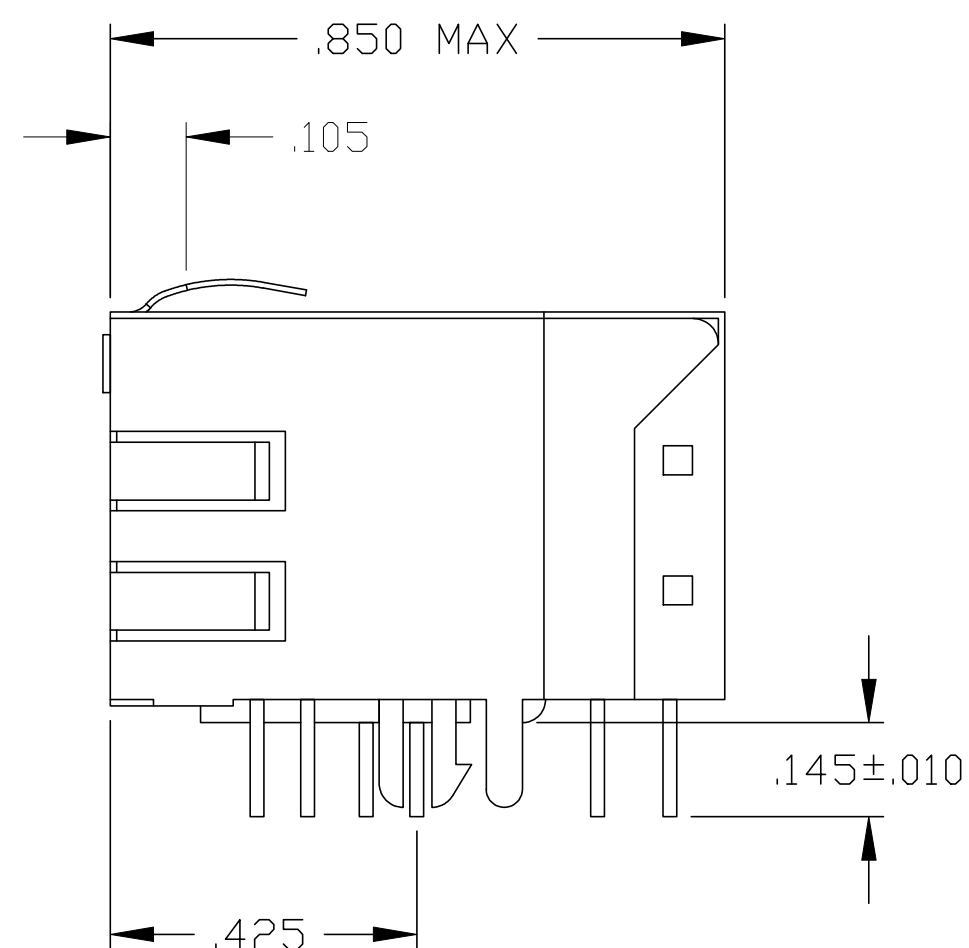
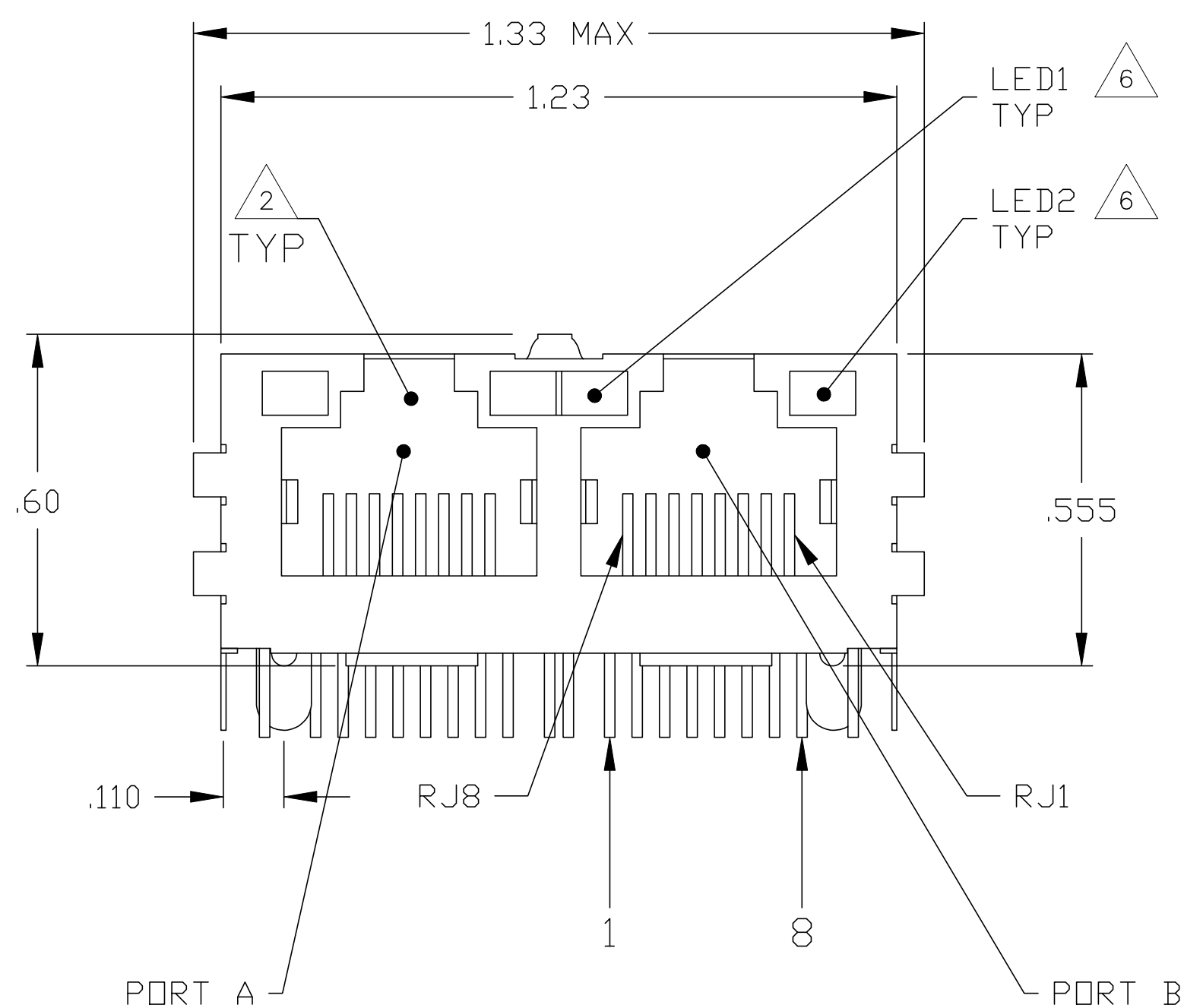
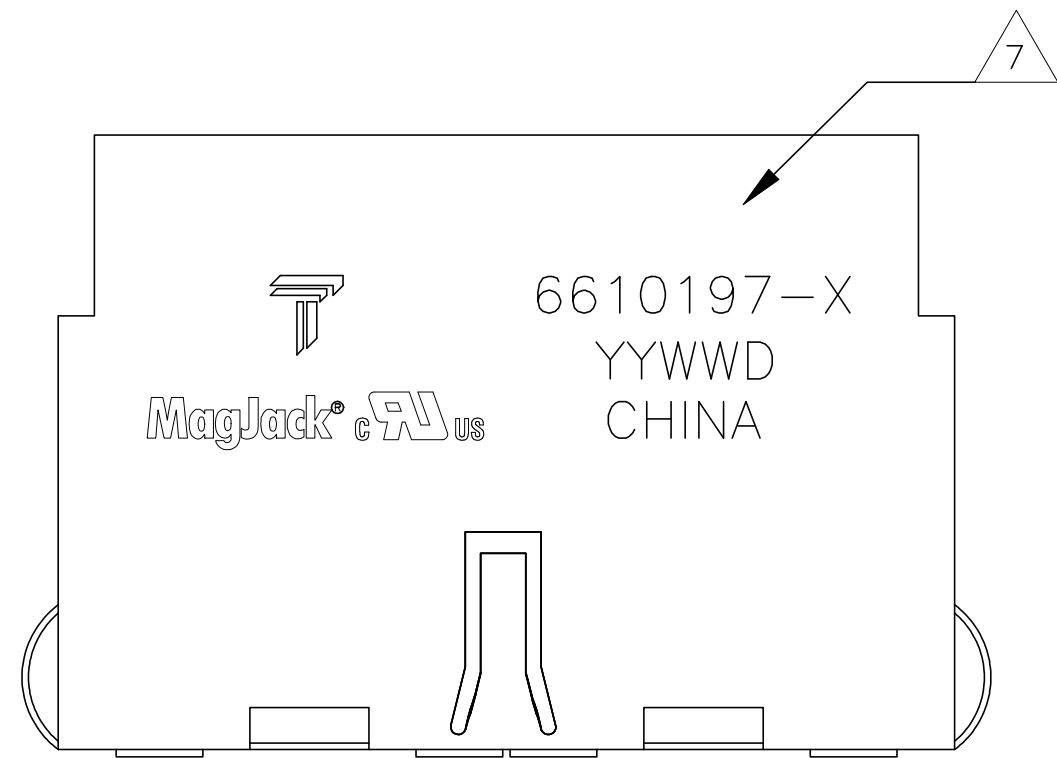


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PRODUCT MAY BE PROTECTED BY ONE OR MORE OF THE FOLLOWING US PATENTS:
5736910 5939955 6425781 6428361 6554638 6840817 7123117
7429195 7717749 7808751 6217391 6149050 7924130

REVISIONS					
P	LTR	DESCRIPTION	DATE	DWN	APVD
	D	EC-1411035 COMPANY LOGO CHANGE	08JAN2015	DZ	TL

MECHANICAL:

A triangle with the number 1 inside.

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.
-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.

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): 11dB 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 23.3.1

4.

OPERATING TEMPERATURE: FROM -40°C TO +85°C

A triangle with the number 5 inside.

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

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

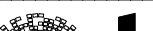
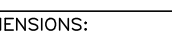
7

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.

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

THIS DRAWING IS A CONTROLLED DOCUMENT.		DWN 17MAR2005 G. ATTADIA - DOCKS CHK 17MAR2009 D. FAROLE APD 17MAR2009 D. FAROLE		 trp CONNECTOR a bel group		DONGGUAN CHINA	
DIMENSIONS: INCHES 		TOLERANCES UNLESS OTHERWISE SPECIFIED: 0 P/LC ± - 1 P/LC ± - 2 P/LC ± .010 4 P/LC ± .005 6 P/LC ± - ANGLES ± - APPLICATION SPEC		MODEL NAME MAGJACK GANG NON-POE		DESC 1X2 726ET 10/100 TAB UP W/ LED -	
PRODUCT SPEC 108-2100		SIZE A1		CAGE CODE -		DRAWING NO C=6610197	
		CUSTOMER DRAWING		SCALE NTS		SHEET 1 OF 2 REV D	

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[5-6610197-1](#)