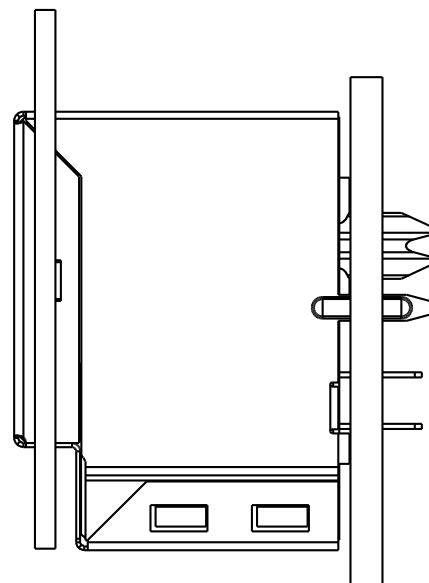
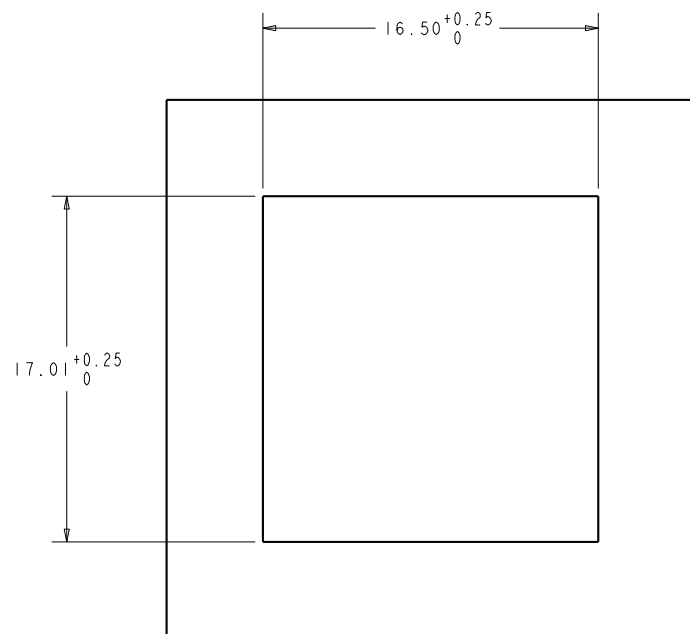
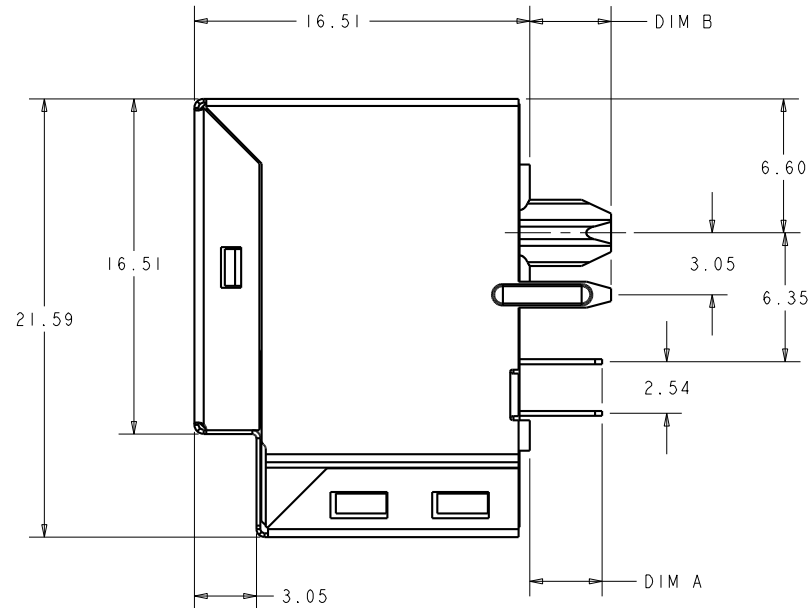
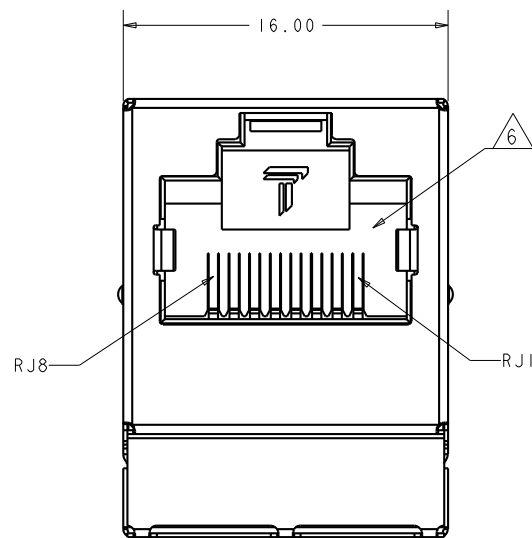
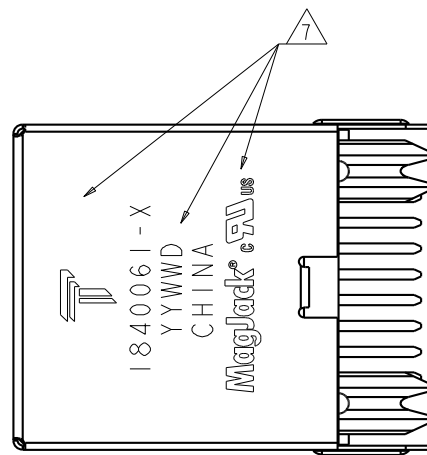
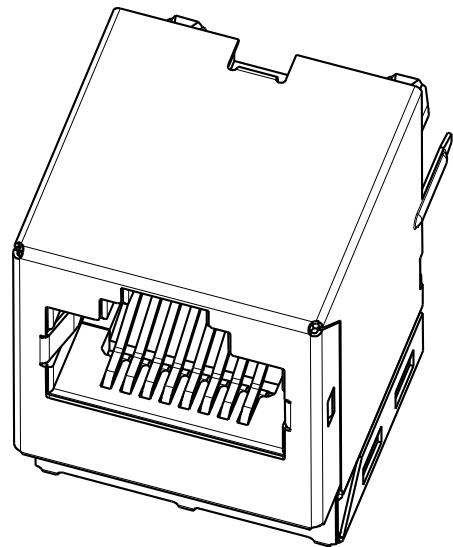


THIS DRAWING AND THE SUBJECT MATTER SHOWN THEREON ARE CONFIDENTIAL AND THE PROPERTY OF BEL/STEWART/TRP CONNECTOR AND SHALL NOT BE REPRODUCED, COPIED, OR USED IN ANY MANNER WITHOUT THE WRITTEN CONSENT OF TRP CONNECTOR.

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

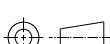
REVISIONS

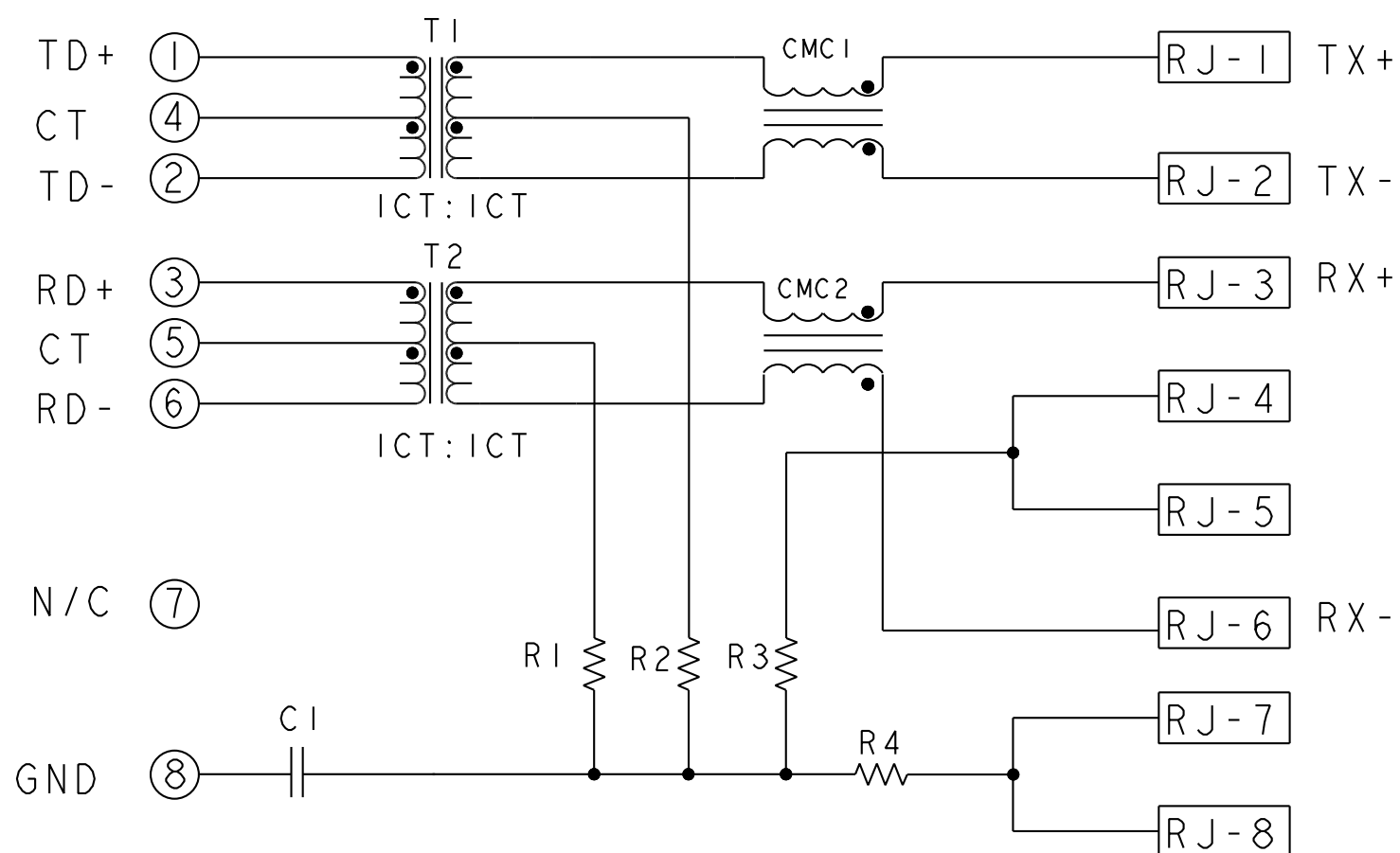
P	LTR	DESCRIPTION	DATE	DWN	APVD
	D	EC-1411035, LOGO CHANGE	15JAN2015	JC	TY



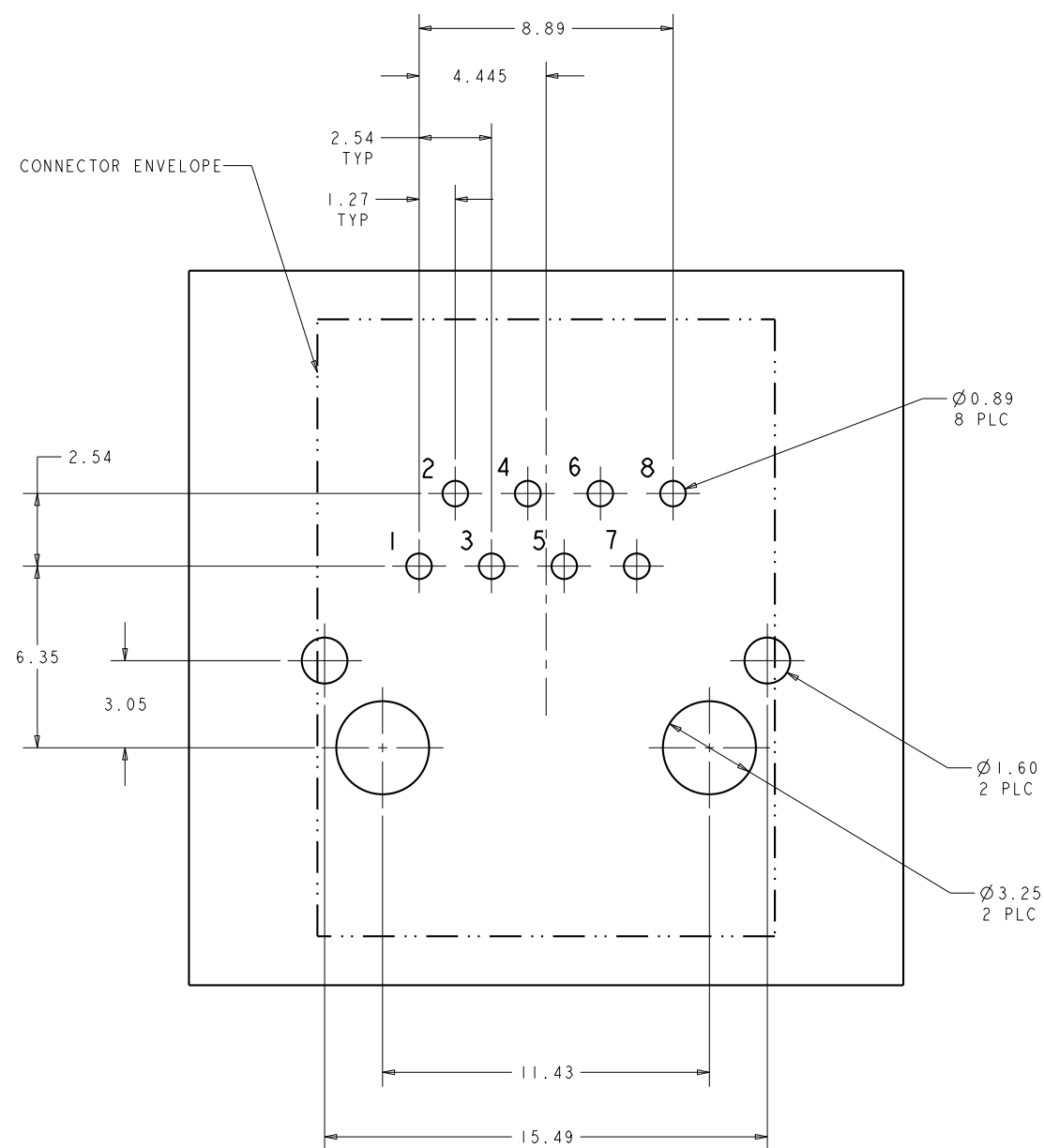
- 1 MATERIALS
HOUSING: THERMOPLASTIC, BLACK, FLAMMABILITY RATED UL 94V-0
SHIELD: BRASS, 0.20mm THICK, PREPLATED WITH MIN 0.76um SEMI-BRIGHT NICKEL POST DIPPED WITH 2.54um MIN SAC SOLDER AT GROUND PINS.
CONTACT: PHOSPHOR BRONZE, WITH 1.27um MIN OVERALL NICKEL UNDERPLATE AND SELECTIVE 1.27um MIN GOLD PLATING AT MATING INTERFACE
SOLDER TAIL: PHOSPHOR BRONZE, WITH 1.27um MIN OVERALL NICKEL UNDERPLATE AND PLATED WITH 2.54um MIN TIN
- 2 MAGNETICS
-APPLICATION: 10/100 BASE-T, EXTENDED TEMPERATURE
-IMPEDANCE: 100 OHMS
-TURNS RATIO (CHIP:CABLE): TX = 1:1, RX = 1:1
-OPEN CIRCUIT INDUCTANCE (OCL): 350uH 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
33-20LOG(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)
- 3 THE MAGNETIC ARE SYMMETRICAL AND SUPPORT AUTO-MDIX OPERATION.
4. OPERATING TEMPERATURE: FROM -40°C TO +85°C
- 5 ALL DIMENSIONS TO BE NOMINAL UNLESS OTHERWISE NOTED
- 6 RJ45 CAVITY CONFORMS TO FCC RULES AND REGULATION PART 68 SUB-PART F.
- 7 TRADEMARK,PART NUMBER,DATE CODE, COUNTRY OF ORIGIN,AND AGENCY APPROVAL MARKING IN APPROXIMATE LOCATION SHOW.DATE CODE: "YY" IS YEAR, "WW" IS WORK WEEK, "D" IS DAY OF WEEK, WITH SUNDAY=1
- 8 RECOMMENDED FOR WAVE SOLDERING PROCESS, PEAK SOLDERING TEMPERATURE IS 260 °C MAX, 10 SECONDS MAX
- 9 COMPLIANT IR REFLOW SOLDERING PROCESS, PEAK SOLDERING TEMPERATURE 260°C MAX DURATION TIME 10 SECONDS MAX, OVER 230°C WITHIN 40-60 SECONDS.

9	2.36	2.36	1840061-2
8	4.00	3.56	1840061-1
SOLDERING PROCESS	DIM B	DIM A	PART NUMBER

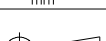
THIS DRAWING IS A CONTROLLED DOCUMENT.		DWN PAUL PENG	09MAY2011	 trp CONNECTOR a bel group		DONGGUAN CHINA		
DIMENSIONS: mm		CHK QUENTIN LIU	09MAY2011					
TOLERANCES UNLESS OTHERWISE SPECIFIED:		APVD LIJUN RAO	09MAY2011					
0 PLC ± 1 PLC ±0.25 2 PLC ±0.25 3 PLC ±0.25 4 PLC ± ANGLES ±		MODEL NAME						
		MAGJACK		DESC IX1 MAGJACK 426ETPI3 10/100 CIRCUIT, VERTICAL, W/O LED		RESTRICTED TO -		
PRODUCT SPEC 108-2100		SINGLE NON-POE		SIZE A2	CAGE CODE C-1840061			
APPLICATION SPEC -				CUSTOMER DRAWING		SCALE 3:1	SHEET 1 OF 2	REV D

426ETPI3 10/100 BASE-T CIRCUIT $\triangle_2 \triangle_3$ 

C1 = 1000pF, 2KV, CAPACITOR
R1 - R4 = 75 ohms, RESISTOR



SUGGESTED PCB LAYOUT (TOL: ± 0.05)
(COMPONENT SIDE VIEW)

THIS DRAWING IS A CONTROLLED DOCUMENT.		DWN PAUL PENG 09MAY2011	 trp CONNECTOR a bel group		DONGGUAN CHINA	
DIMENSIONS: mm		CHK QUENTIN LIU 09MAY2011				
		APVD LIJUN RAO 09MAY2011				
TOLERANCES UNLESS OTHERWISE SPECIFIED: 0 PLC ± 1 PLC ±0.25 2 PLC ±0.25 3 PLC ±0.25 4 PLC ± ANGLES ± APPLICATION SPEC ±		△5	DESC IXI MAGJACK 426ETPI3 10/100 CIRCUIT, VERTICAL, W/O LED		RESTRICTED TO	
PRODUCT SPEC 108-2100		MAGJACK SINGLE NON-POE		SIZE A2	CAGE CODE C=1840061	-
CUSTOMER DRAWING			SCALE 3:1	SHEET 2 OF 2	REV D	