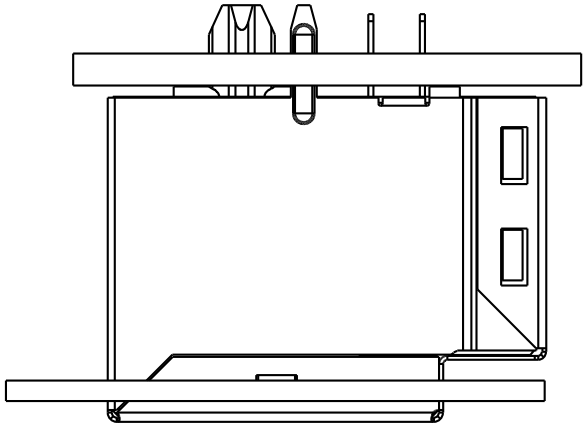
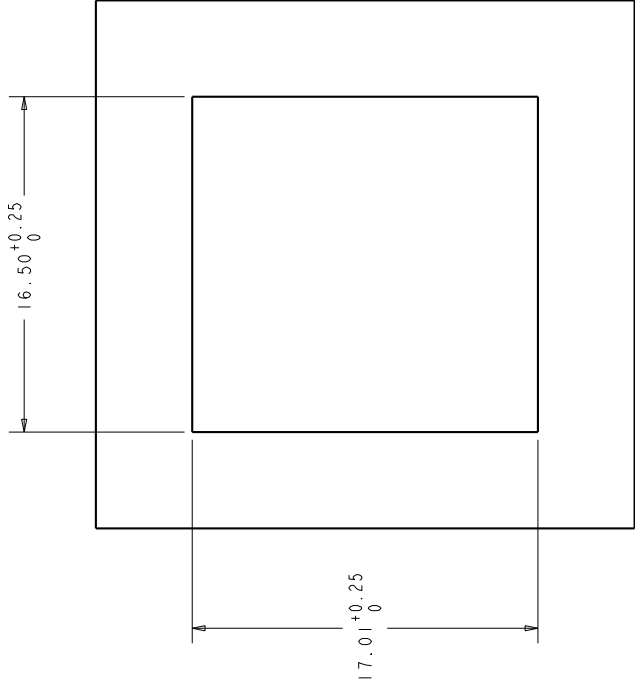
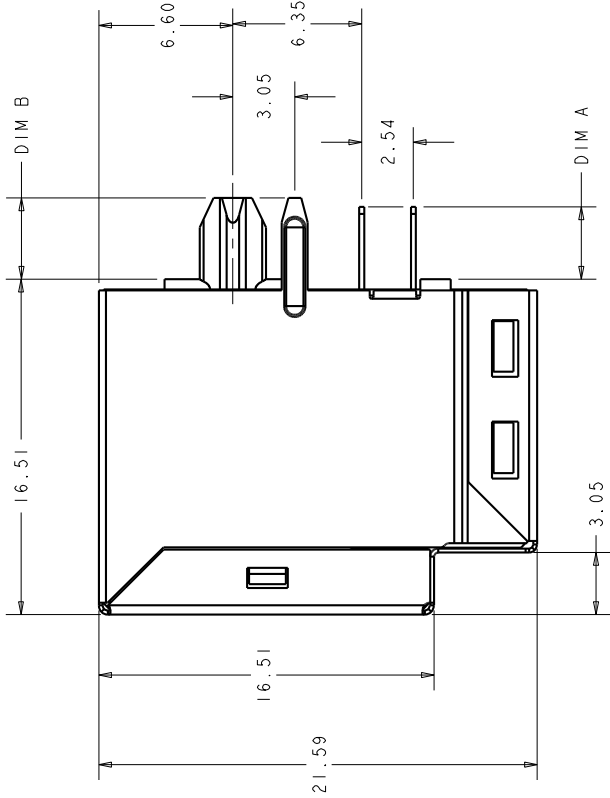
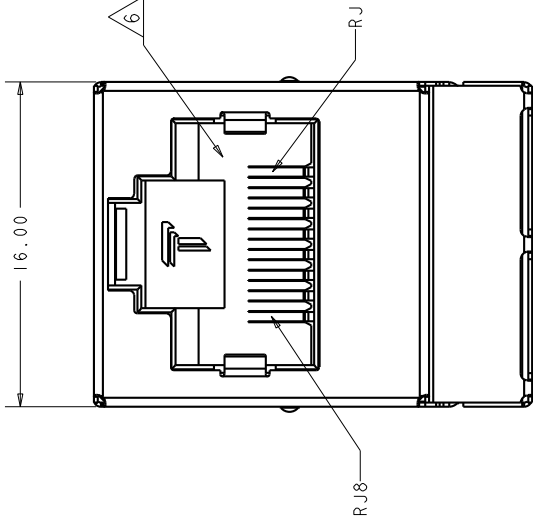
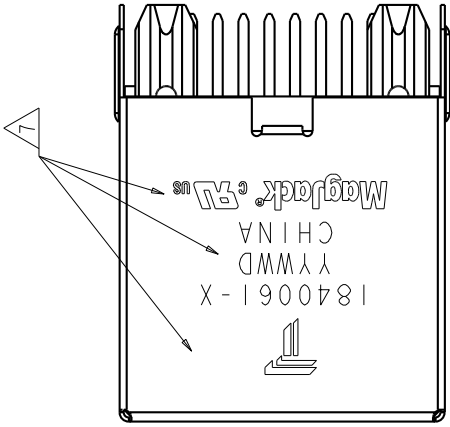
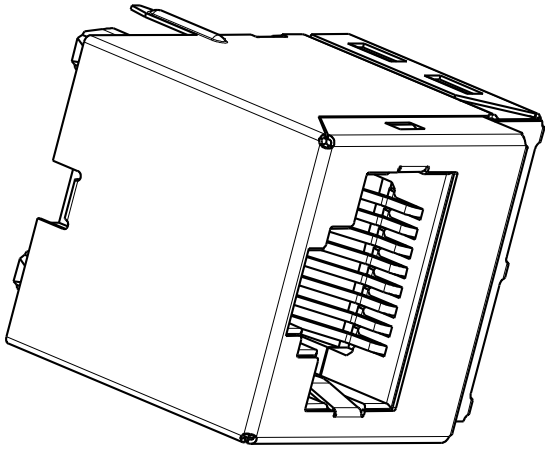


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PRODUCT MAY BE PROTECTED BY ONE OR MORE OF THE FOLLOWING US PATENTS:
5736910 5939955 6425781 6428361 6554638 6840817 7123117
7429195 7717749 7808751 6217391 6149050 7924130

REVISIONS			
P	LTR	DESCRIPTION	DATE
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, 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

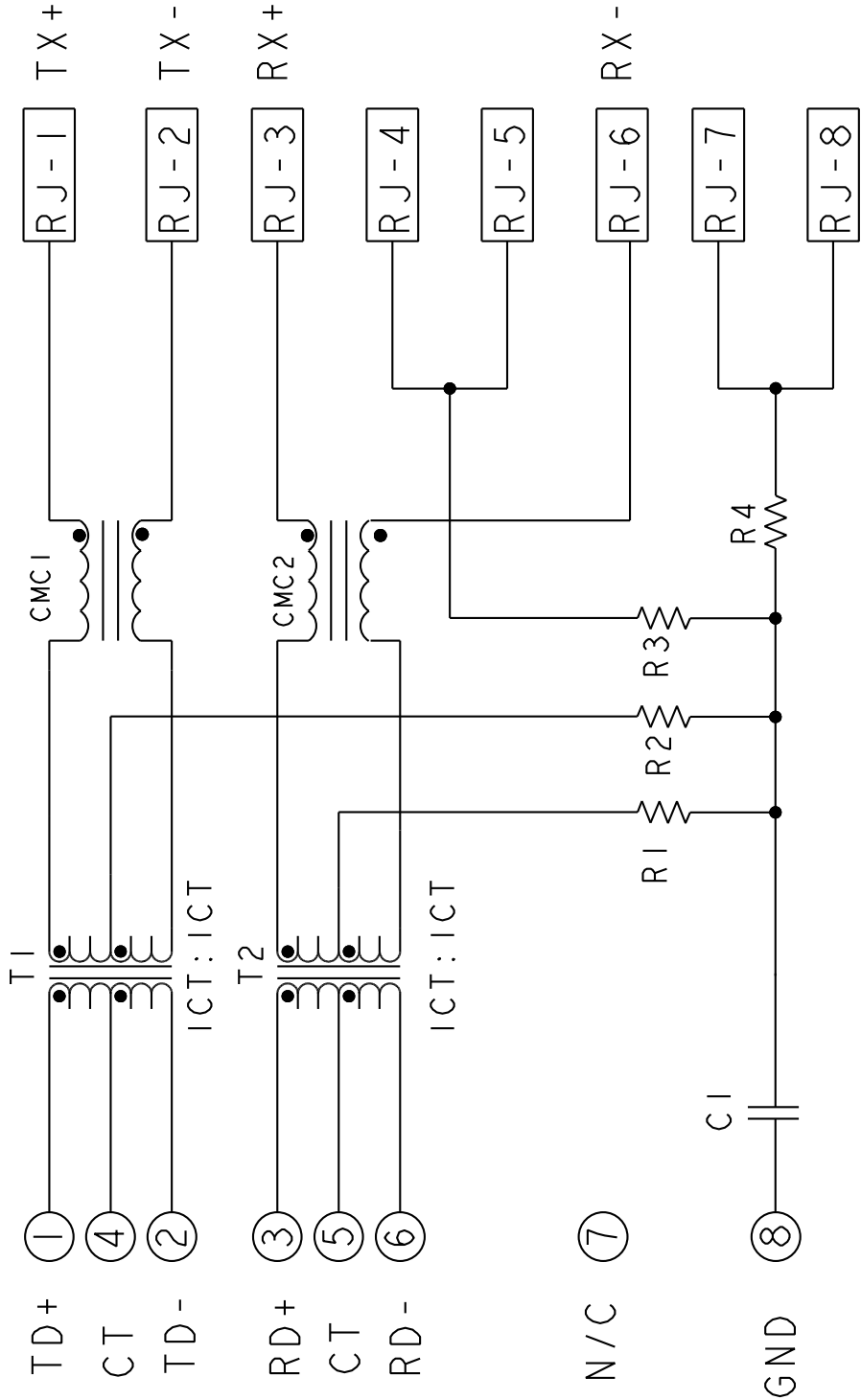
THIS DRAWING IS A CONTROLLED DOCUMENT.			
DIMENSIONS: mm	TOLERANCES UNLESS OTHERWISE SPECIFIED: 0 PLC ±. 1 PLC ±0.25 2 PLC ±0.25 3 PLC ±0.25 4 PLC ±. APPLIC. APPLICATION SPEC		
PRODUCT SPEC 108-2100	-		
DWG PAUL PENG	CHK QUINTIN LIU	APVD LI JUN RAO	MODEL NAME
09MAY2011	09MAY2011	09MAY2011	
MAGJACK		DESC 426ETP13 10/100 CIRCUIT, VERTICAL, W/O LED	
SINGLE NON-PoE		SIZE TAG CODE DRAWING NO	RESTRICTED TO
		A2	-
CUSTOMER DRAWING		SCALE 3.1	SHEET 1 OF 2
		REV	D



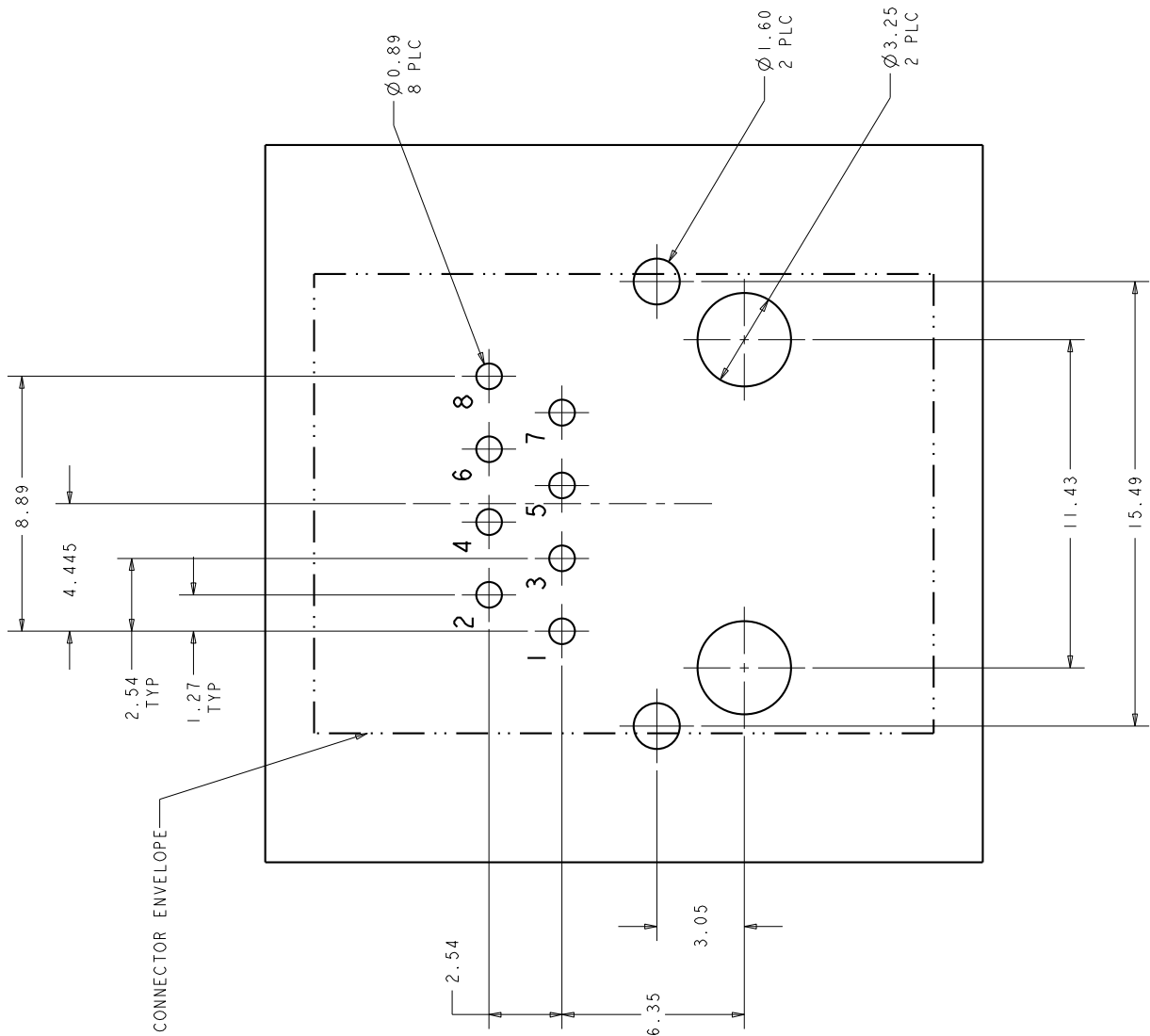
trp connector
abel group

DONGGUAN
CHINA

426ETP13 10/100 BASE-T CIRCUIT



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		DONGGUAN CHINA
		CHK QUENTIN LIU	09MAY2011		
		APVD LI JIUN RAO	09MAY2011		
		MODEL NAME		DESC	
		MAGJACK		426ETP13 10/100 CIRCUIT, VERTICAL, W/O LED	
		SINGLE NON-PoE		SIZE	RESTRICTED TO
				CAGE CODE DRAWING NO G=1840061	-
				CUSTOMER DRAWING	
				SCALE	2 OF 2
				REV	D