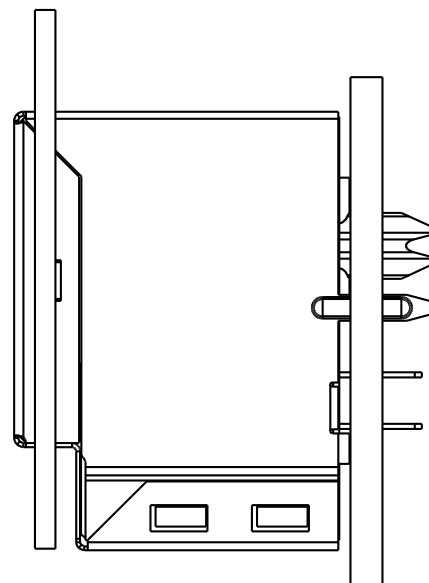
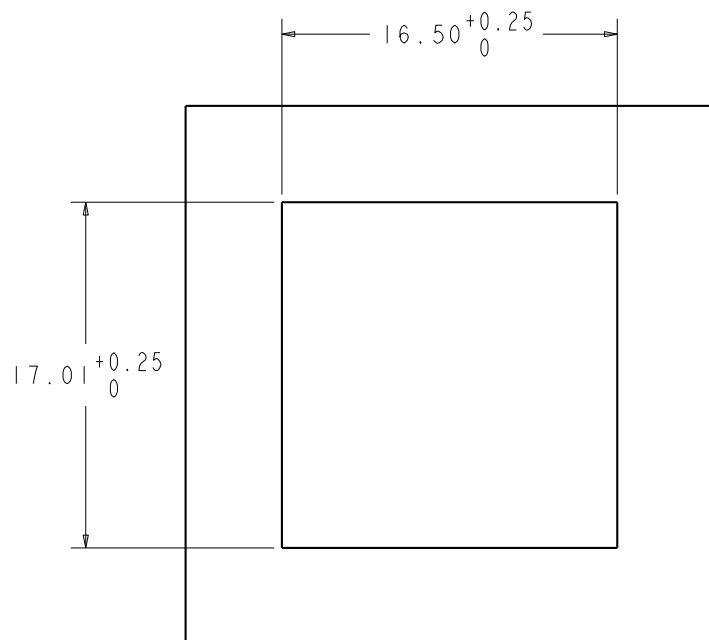
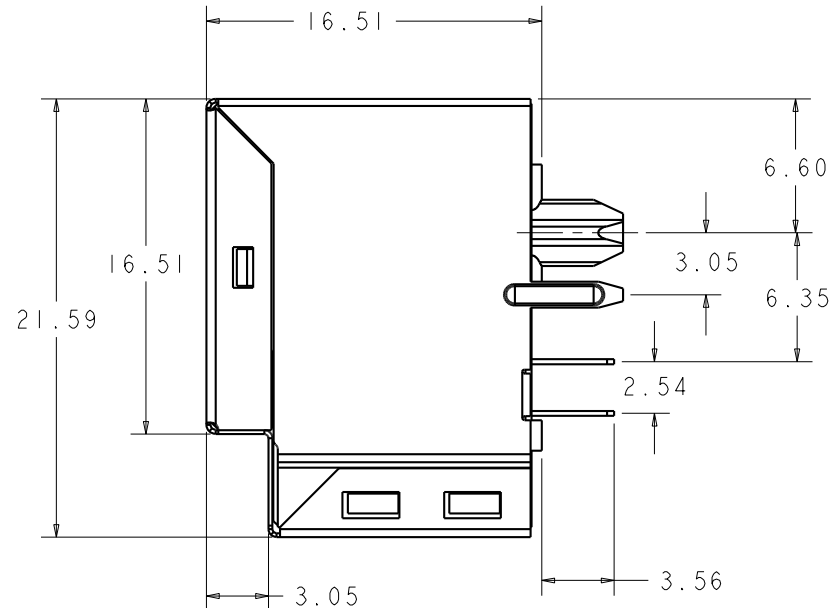
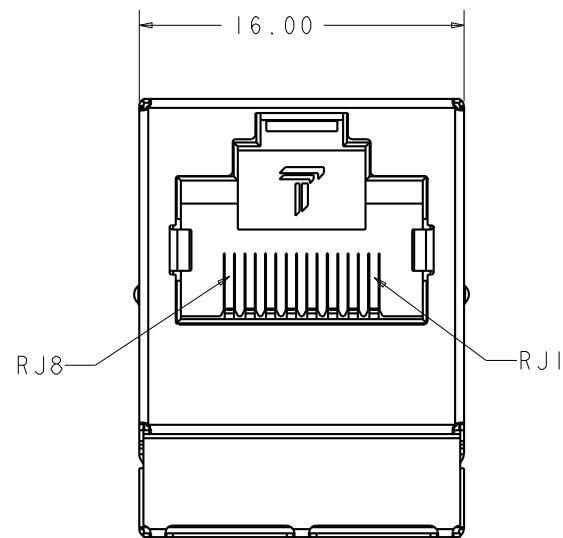
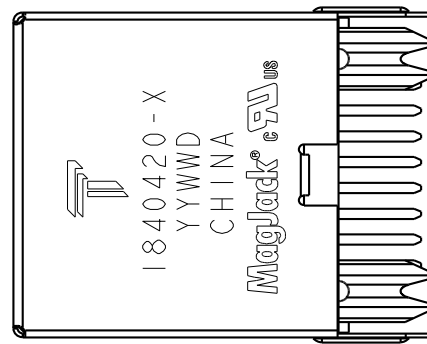
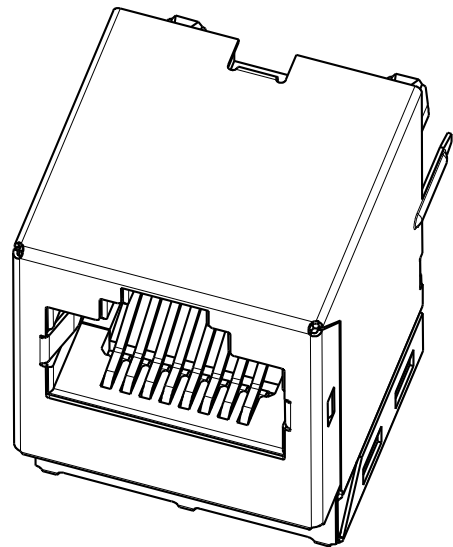


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PRODUCT MAY BE PROTECTED BY ONE OR MORE OF THE FOLLOWING US PATENTS:
5736910 5939955 6425781 6428361 6554638 6840817 7123117
7429195 7717749 7808751 6217391 6149050 7924130

REVISIONS

P	LTR	DESCRIPTION	DATE	DWN	APVD
F		EC-1411035, LOGO CHANGE	22DEC2014	PP	KZ



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
LED: DIFFUSED EPOXY LENS, 0.50mm SQUARE CARBON STEEL WIREFRAME LEADS
PREPLATED WITH 2.03um MIN SILVER OVER 1.02um MIN NICKEL
OVER 1.02um MIN COPPER UNDERPLATE POST PLATED WITH 2.54um MIN TIN



MAGNETICS


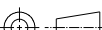
-APPLICATION: 10/100 BASE-T
-IMPEDANCE: 100 OHMS
-TURNS RATIO (CHIP:CABLE): TX = 1:1, RX = 1:1
-OPEN CIRCUIT INDUCTANCE (OCL): 350uH MIN @100kHz, 0.1VRMS,
8mADC BIAS FROM 0°C TO 70°C, TX AND RX
-PERFORMANCE @ 25°C:
INSERTION LOSS (IL): 1.1dB MAX FROM 0.5MHz TO 100MHz
RETURN LOSS (RL): 18dB MIN FROM 0.5MHz 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
33-20LOG(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

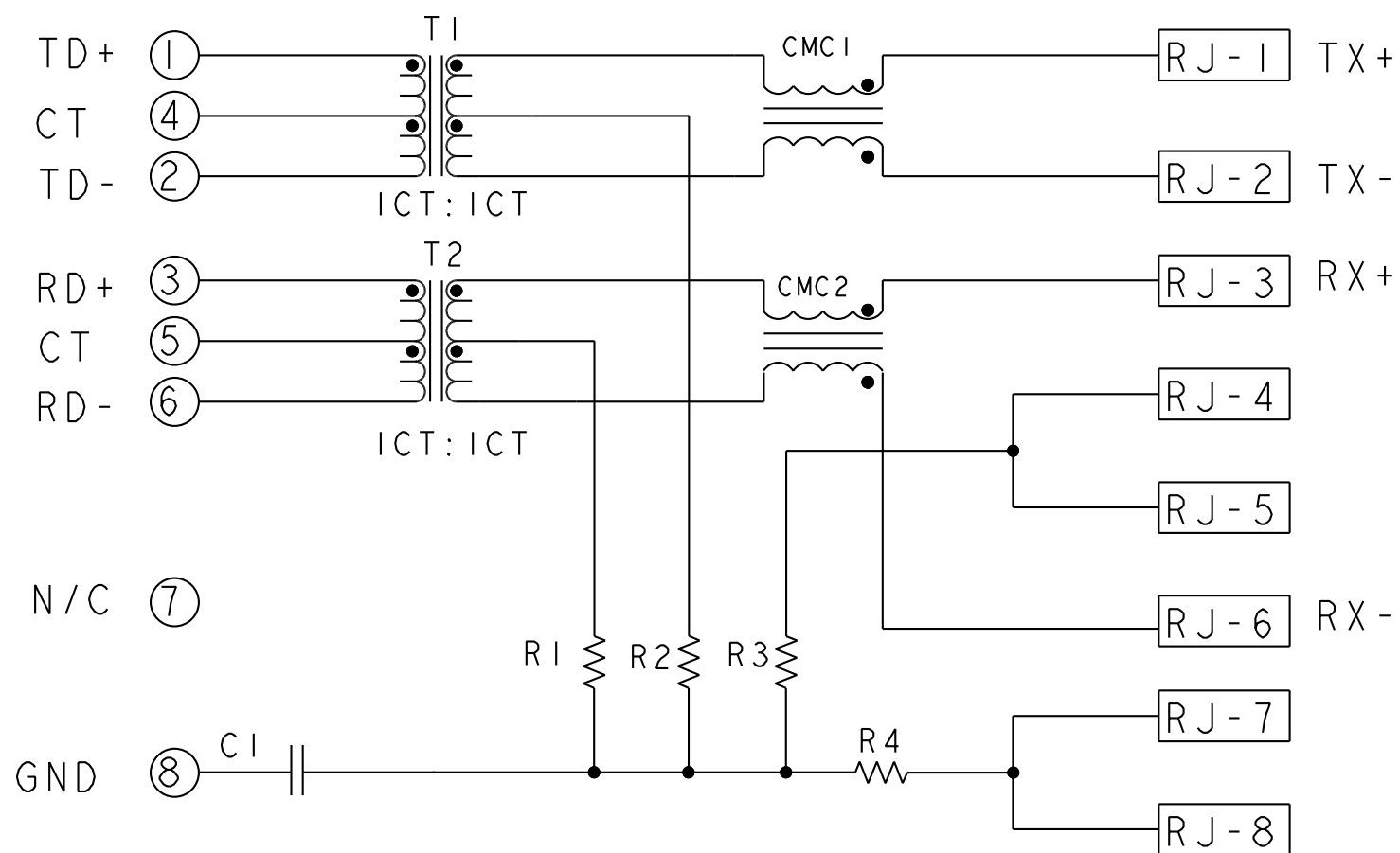


THE MAGNETIC ARE SYMMETRICAL AND SUPPORT AUTO-MDIX OPERATION.

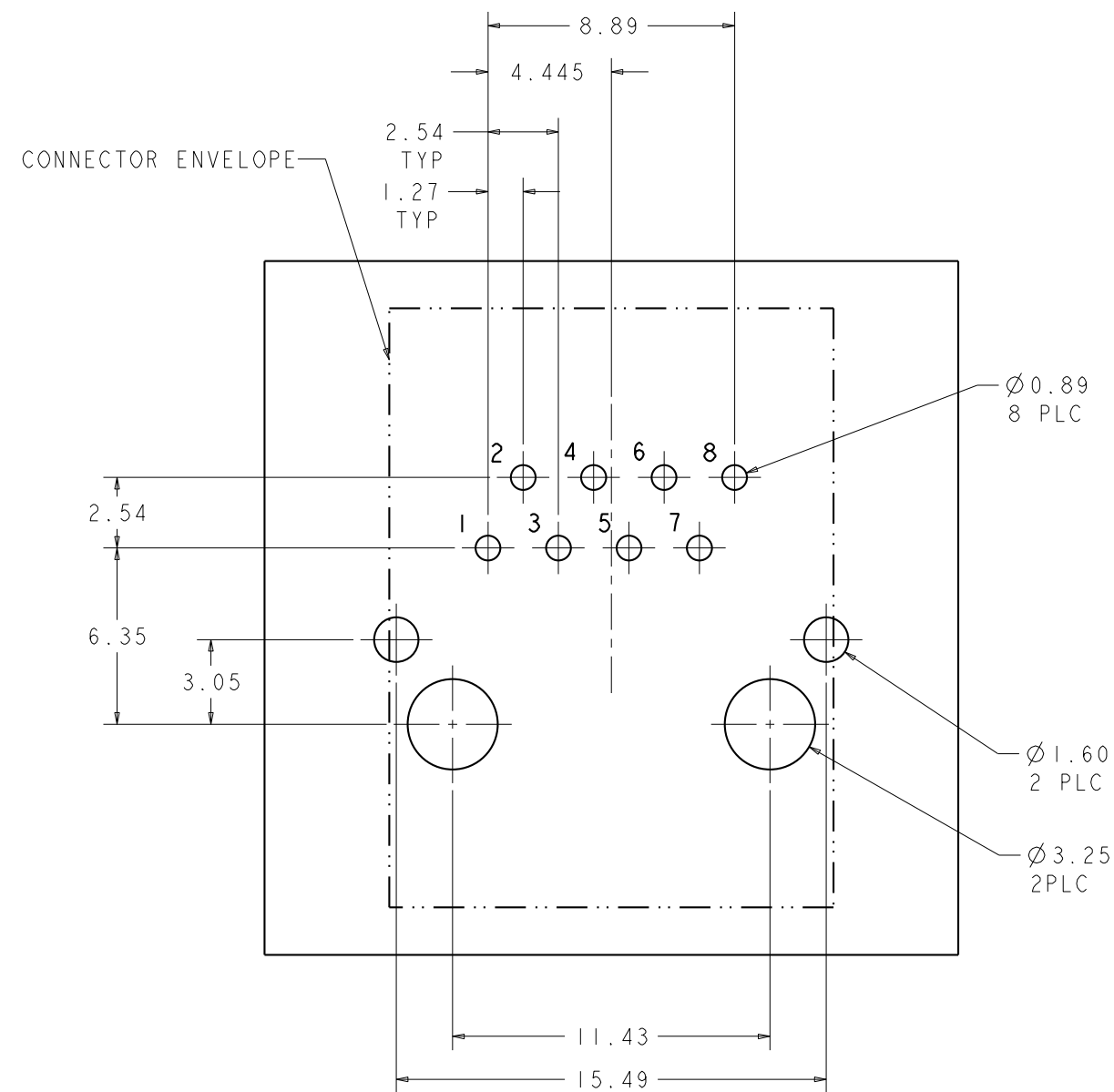
- OPERATING TEMPERATURE: 0 ~ 70°C
- ALL DIMENSIONS TO BE NOMINAL UNLESS OTHERWISE NOTED
- RJ45 CAVITY CONFORMS TO FCC RULES AND REGULATION PART 68 SUBPART F.

1840420-1
PART NUMBER


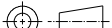
THIS DRAWING IS A CONTROLLED DOCUMENT.		DWN TOMMY REN 18AUG2006	 trp CONNECTOR a bel group		DONGGUAN CHINA		
		CHK KEITH ZHU 18AUG2006					
DIMENSIONS: mm		TOLERANCES UNLESS OTHERWISE SPECIFIED:		APVD TEDDY XIONG 18AUG2006			
		0 PLC ±0.25 1 PLC ±0.25 2 PLC ±0.25 3 PLC ±0.25 4 PLC ±0.25 ANGLES ±°		DESC IXI, MAGJACK, VERTICAL 426P13, 10/100 CIRCUIT, W/O LEDS			
PRODUCT SPEC 108-2100		APPLICATION SPEC -		MODEL NAME MAGJACK SINGLE NON-POE			
				SIZE A2	CAGE CODE	DRAWING NO C=1840420	RESTRICTED TO -
CUSTOMER DRAWING				SCALE NTS	SHEET 1	OF 2	REV F

426PI3 10/100 BASE-T CIRCUIT $\triangle\triangle$ 

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 TOMMY REN 18AUG2006	 trp CONNECTOR a bel group		DONGGUAN CHINA	
		CHK KEITH ZHU 18AUG2006				
		APVD TEDDY XIONG 18AUG2006				
DIMENSIONS: mm	TOLERANCES UNLESS OTHERWISE SPECIFIED:	MODEL NAME	DESC			
	0 PLC ±0.25 1 PLC ±0.25 2 PLC ±0.25 3 PLC ±0.25 4 PLC ± ANGLES ±	MAGJACK	1X1, MAGJACK, VERTICAL 426P13, 10/100 CIRCUIT, W/O LEDS			
PRODUCT SPEC	APPLICATION SPEC	SINGLE NON-POE	SIZE A2	CAGE CODE	DRAWING NO C=1840420	RESTRICTED TO -
108-2100	-	CUSTOMER DRAWING		SCALE NTS	SHEET 2 OF 2	REV F

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