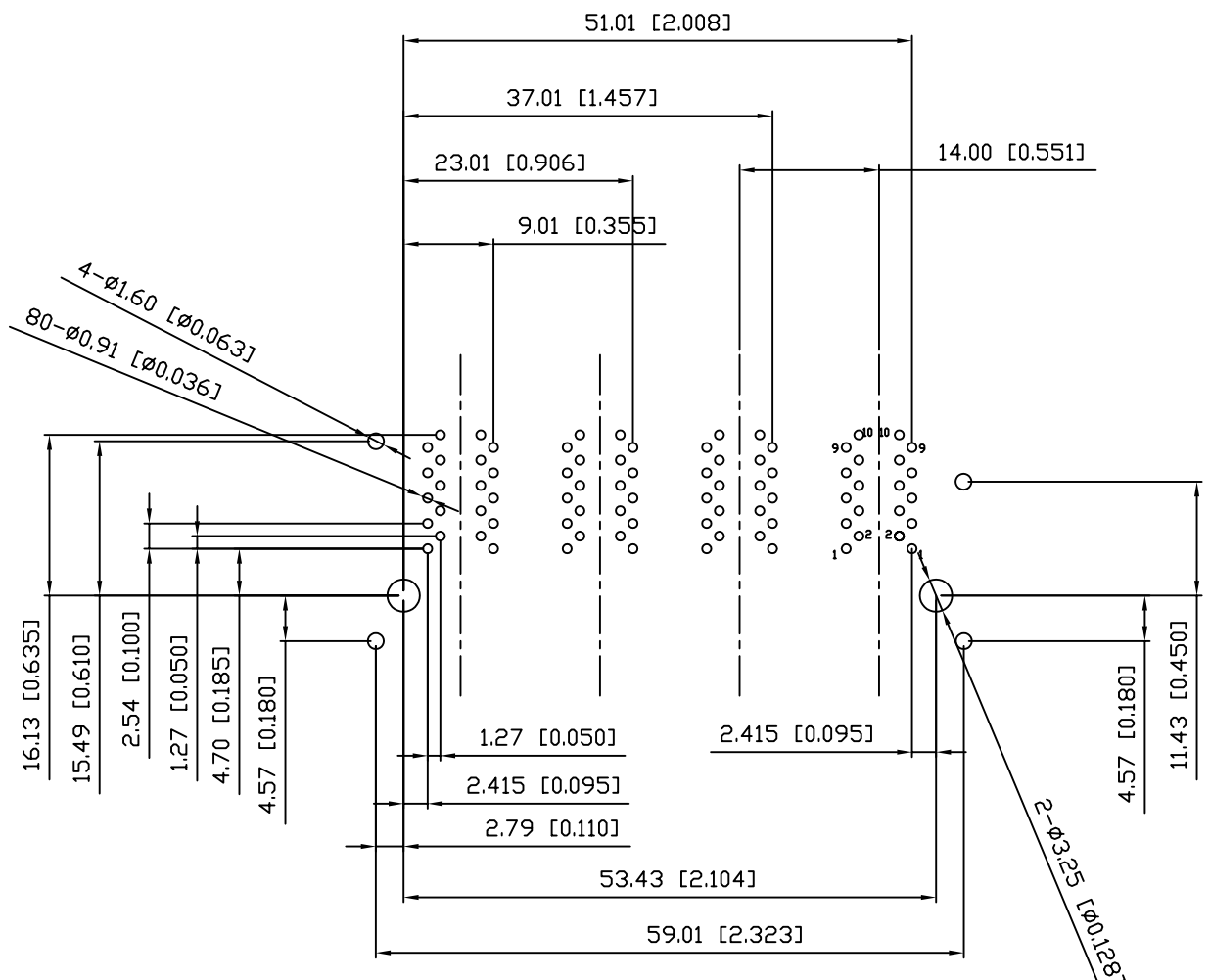




2. PCB LAYOUT :

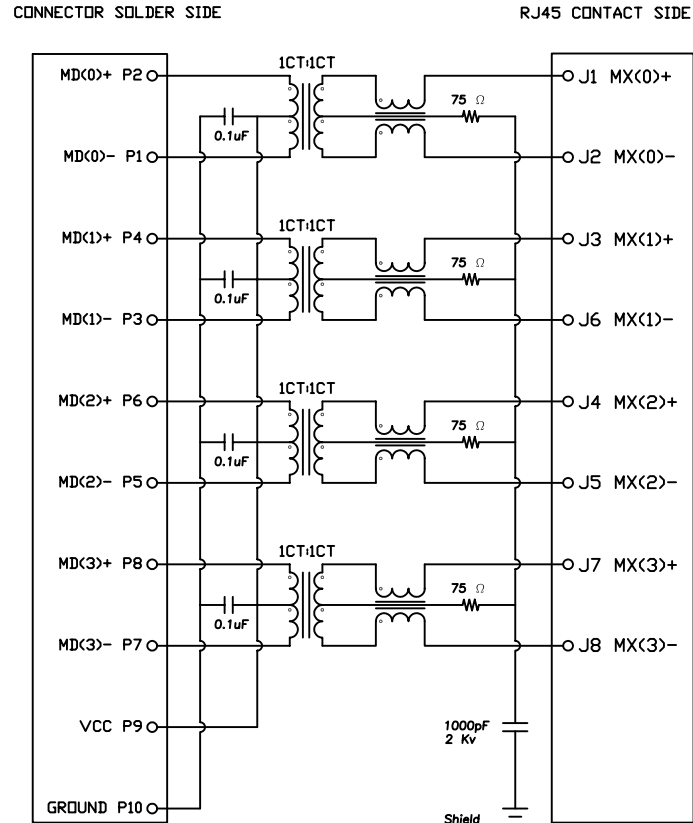


SUGGESTED PCB LAYOUT  
TOP VIEW

RoHS Compliant

		CONNECTING THE INFORMATION AGE	
XMULTIPLE ASIA 4F, No. 347, Yang Guang St., Neihu Chu, Taipei, Taiwan 11475		XMULTIPLE USA 1420 Los Angeles Ave., Suite G, Simi Valley, CA 93065	
THIS DRAWING IS A CONTROLLED DOCUMENT.		DWG NO: XRJH-24D-0-H53-070	
TITLE: Stacked RJ45, W/O LED, with 10/100/1000 Mbps LAN Magnetics 8P,10C, Shielded, Thru Hole.		DRAWN: RUNES	
PART NO: XRJH-24D-0-H53-070		CHKD: JEFF	
		UNIT mm[inch ]	SHEET 2 of 3
		REV 01	DATE: May.23.06

### 3. SCHEMATIC:



### 4. ELECTRICAL CHARACTERISTICS :

TEST NOTES:(25°±5°C)

- TR:(100KHz,0.1V); 100%  
PINS:(P2,P1):(J1,J2)=1:1±3%;(P4,P3):(J3,J6)=1:1±3%  
PINS:(P6,P5):(J4,J5)=1:1±3%;(P8,P7):(J7,J8)=1:1±3%
- LX:(100KHz,100mV,8mA, DC Bias) 100%  
PINS:(P2,P1),(P4,P3),(P6,P5),(P8,P7)=350uH MINIMUM
- DCR: 100%  
PINS:(P2,P1),(P4,P3),(P6,P5),(P8,P7)=1.0 Ω MAXIMUM  
PINS:(J1,J2),(J3,J6),(J4,J5),(J7,J8)=1.0 Ω MAXIMUM
- HIPOT: 100%  
PINS(P2,P1)TO(J1,J2),(P4,P3)TO(J3,J6)=1650VAC FOR 2 SECONDS  
PINS(P6,P5)TO(J4,J5),(P8,P7)TO(J7,J8)=1650VAC FOR 2 SECONDS
- INSERTION LOSS:  
-0.8dB MAXIMUM AT 0.3MHz TO 100MHz;  
-1.2dB MAXIMUM AT 100MHz TO 120MHz
- RETURN LOSS:  
-18dB MINIMUM AT 0.5MHz TO 40MHz;  
-12+20Log(f/80MHz)dB MINIMUM AT 40MHz TO 100MHz
- CROSS TALK:  
-33+20Log(f/100MHz)dB MINIMUM AT 0.1MHz TO 100MHz
- COMMON TO DIFFERENTIAL MODE REJECTION:  
-35dB MINIMUM AT 300KHz TO 100MHz
- COMMON TO COMMON MODE REJECTION:  
-30dB MINIMUM AT 300KHz TO 100MHz

XRJH-24D-0-H53-070

PRODUCT SERIES  
H : TAB UP AND STACKED

NUMBER OF PORTS  
MECHANICAL TYPE  
24D : 2\*4 PORT, VERTICAL PIN,  
LED ON TOP PORT ONLY OR  
W/O LED

LED COLOR OPTION

PROTOCOL TYPE  
H : 10/100/1000 Mbps, 8 CORE

CIRCUIT TYPE

SPECIAL CODE  
0 : STANDARD

SHIELDED TYPE  
7 : EMI FINGER ON ALL SIDE

LED POLARITY  
0 : W/O LED

RoHS Compliant

X MULTIPLE		CONNECTING THE INFORMATION AGE	
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TITLE: Stacked RJ45, W/O LED, with 10/100/1000 Mbps LAN Magnetics 8P,10C, Shielded, Thru Hole.		DWG NO: XRJH-24D-0-H53-070	
PART NO: XRJH-24D-0-H53-070		DRAWN: RUNES	
		CHKD: JEFF	
UNIT mm[inch]		SHEET 3 of 3	
		REV 01	
		DATE: May.23.06	