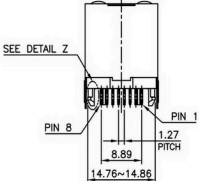
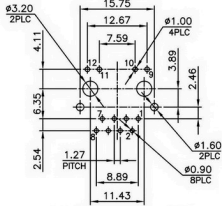
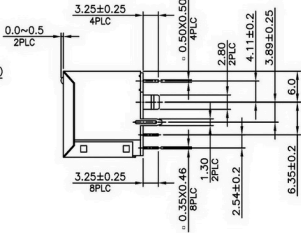
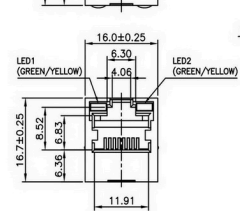
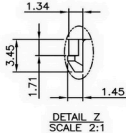


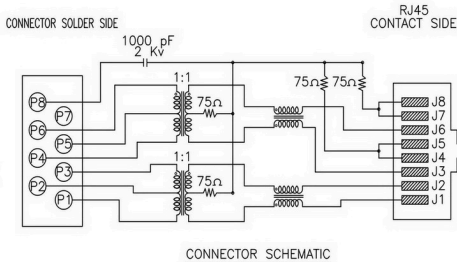
RoHS Compliant		<b>HSM</b> 玄茂科技股份有限公司 HSUAN MAO TECHNOLOGY CO., LTD.	
APPR. 核准	SCALE 比例	TOLERANCE UNLESS OTHERWISE SPECIFIED	PART NAME 品名 RL45 TRANSFORMER PCB JACK 10/100 T/F(T1),TOP ENTRY TYPE W/ SHIELDED CONTACT AREA:GOLD 30U" PLATING. OTHER AREA:GOLD FLASH PLATING W/ BI-COLOR LED LIGHT (GREEN & YELLOW) TRANSFORMER TYPE: TYPE 1 BLACK COLOR MATERIAL:PA9T ROHS
DWG. 圖號	UNIT 單位	SIZE 規格	
Betty	MM	A 4	
DATE 日期	PAGE 頁數	REV. 版本	
2022/11/18	1 OF 2	A	PART NO. 料號 C0242-88YD1BB410R



**ELECTRICAL CHARACTERISTICS**

TEST NOTES: (25±5°C)

1. TR: (100KHz, 0.1V)  
PINS:(P6-P5-P4):(J6,J3)=1CT:1CT±3%  
PINS:(P3-P2-P1):(J2,J1)=1CT:1CT±3%
2. INDUCTANCE: (@0.1V, 100KHz, 8mA, DC Bias)  
PINS: (P6-P4),(P3-P1)=350uH MINIMUM
3. DCR:  
PINS: (J6-J3)=(J2-J1)=1.2 OHMS MAXIMUM
4. HIPOT:  
PINS(J1,J2)TO(P1,P3)=1500VAC FOR 60 SECONDS  
PINS(J3,J6)TO(P4,P6)=1500VAC FOR 60 SECONDS
5. LEAKAGE INDUCTANCE:  
P6-P4 (WITH J6 AND J3 SHORT)=0.3 MAXIMUM, @1MHz  
P3-P1 (WITH J2 AND J1 SHORT)=0.3 MAXIMUM, @1MHz
6. INSERTION LOSS:  
-1.1dB MAXIMUM AT 1MHz TO 100MHz
7. RETURN LOSS:  
-18dB MINIMUM AT 1MHz TO 30MHz  
-12dB MINIMUM AT 60MHz TO 80MHz
8. CROSS TALK:  
-30dB MINIMUM AT 1MHz TO 100MHz
9. COMMON TO COMMON MODE ATTENUATION:  
-35dB MINIMUM AT 30MHz TO 100MHz
10. RISE TIME: RS=100 OHMS AND RL=100 OHMS  
OUTPUT VOLTAGE=1 V PEAK=3.0 nS MAXIMUM  
PULSE WIDTH=112 nS=3.0 nS MAXIMUM
11. INTERWINDING CAPACITANCE:  
(P6,P5,P4)TO(J6,J3)=30pF MAXIMUM, @1MHz  
(P3,P2,P1)TO(J2,J1)=30pF MAXIMUM, @1MHz



RoHS Compliant		HSM 宏茂科技股份有限公司 HSUAN MAO TECHNOLOGY CO., LTD.	
APPR. 核准	SCALE 比例	TOLERANCES UNLESS OTHERWISE SPECIFIED mm 0.25 0.25 0.25 0.25 0.25	PART NAME 品名 RJ45 TRANSFORMER PCB JACK 10*100 T/F(T1),TOP ENTRY TYPE W/ SHIELDED CONTACT AREA GOLD 30U" PLATING. OTHER AREA GOLD FLASH PLATING W/ BI-COLOR LED LIGHT (GREEN & YELLOW) TRANSFORMER TYPE: TYPE 1 BLACK COLOR MATERIAL PA8T ROHS
DWG. 製圖	UNIT 單位	SIZE 尺寸	PART NO. 料號
Betty	MM	A 4	C0242-88YD1BB410R
DATE 制表日	PAGE 頁數	REV. 版本	
2022/11/18	2 OF 2	A	