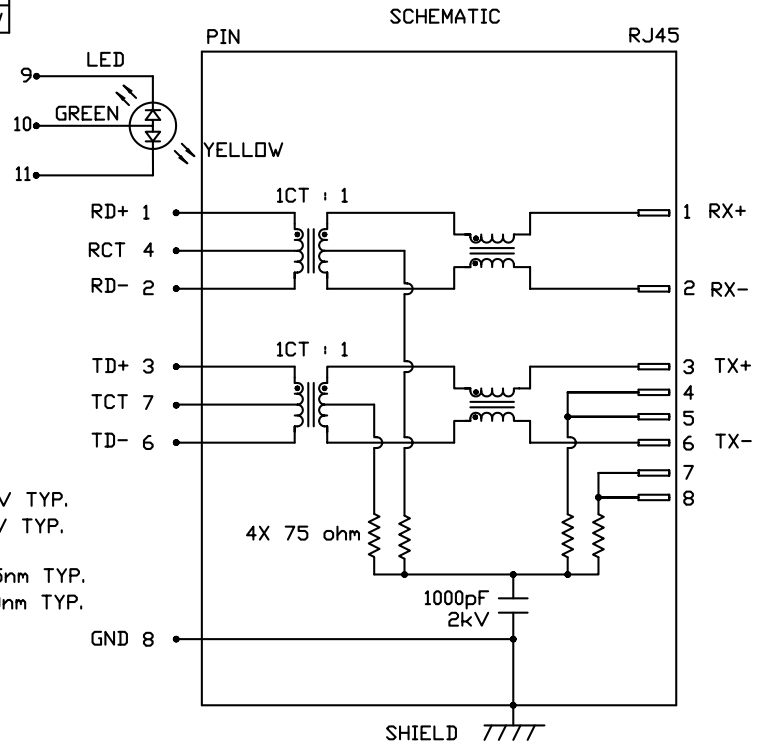


**INTEGRATED CONNECTOR MODULES**  
**0810-2H4R-28 10/100Base-TX MagJack® 2 x 4 with LEDs**

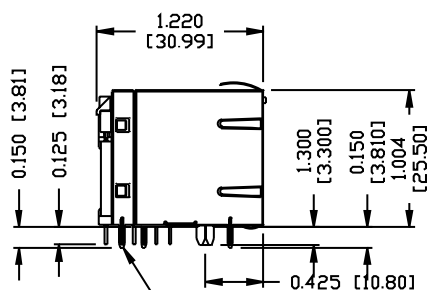
LED POLARITY			
PIN 9	PIN 10	PIN 11	COLOR
-	+	/	GREEN
/	+	-	YELLOW

ELECTRICAL CHARACTERISTICS @ 25°C

RETURN LOSS (MIN.)				
1MHz-30MHz		-18 dB		
60MHz-80MHz		-12 dB		
INSERTION LOSS				
100KHz TO 100MHz		-1.1 dB		
OCL @ 0.1V, 100KHz				
8mA DC BIAS		350µH MIN.		
TURNS RATIO		1CT : 1CT ±3%		
XTALK				
100KHz TO 100MHz		-35 dB MIN.		
LED				
VF (FORWARD VOLTAGE)	IF=20mA	YELLOW GREEN	2.2V TYP.	
		YELLOW	2.1V TYP.	
λD (DOMINANT WAVELENGTH)	IF=20mA	YELLOW GREEN	565nm TYP.	
		YELLOW	590nm TYP.	
HIPOT (Isolation Voltage):	1500 Vrms			



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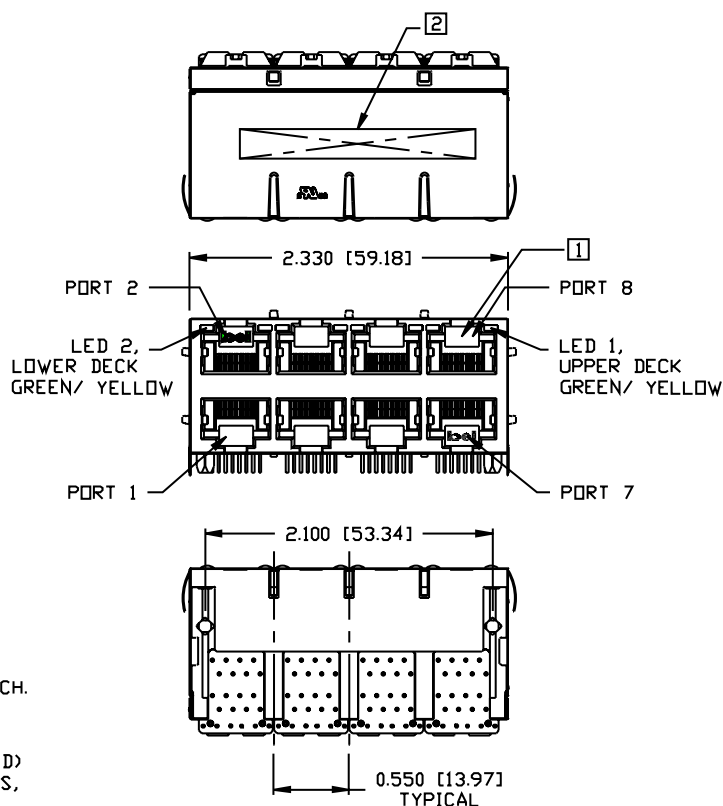


SOLDER DIPPED  
GROUND LEAD (4X)

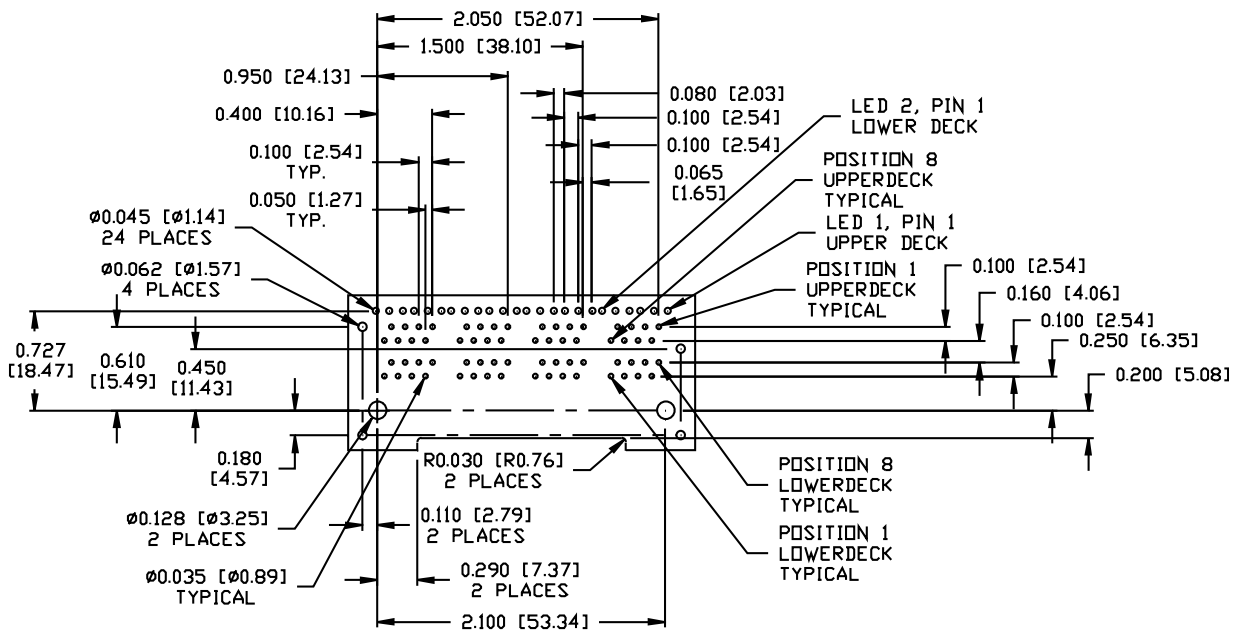
**NOTES:**

- PLASTIC HOUSING: THERMOPLASTIC PBT  
FLAMMABILITY RATING UL 94V-0
- CONTACT PLATING: 50 MICRO-INCH HARD GOLD PLATING
- OUTPUT PINS: TIN-COATED COPPER WIRE, DIA 0.018 INCH.
- SOLDERABILITY: PER MIL STD. 202, METHOD 208.
- METAL SHIELD: NICKEL PLATED COPPER ALLOY.

- [1] JACK CAVITY CONFORMS TO FCC RULES AND REGULATIONS, PART 68 SUBPART F.
  - [2] MARK PART WITH MFG LOGO, MFG NAME, PART NUMBER, AND DATE CODE.
- UL RECOGNIZED - FILE #E196366 AND E169987.



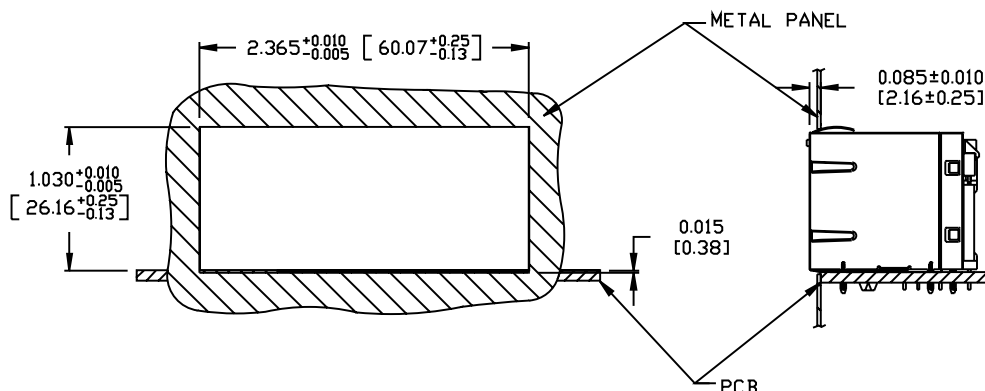
**INTEGRATED CONNECTOR MODULES**  
**0810-2H4R-28 10/100Base-TX MagJack® 2 x 4 with LEDs**



PC BOARD LAYOUT VIEWED FROM COMPONENT SIDE

**INTEGRATED CONNECTOR MODULES**  
**0810-2H4R-28 10/100Base-TX MagJack® 2 x 4 with LEDs**

SUGGESTED PANEL OPENING



NOTES:

THE DISTANCE OF PANEL INSIDE SURFACE RELATIVE TO FRONT SURFACE OF PART IS ONLY A SUGGESTION. IN CASE THIS DISTANCE IS DIFFERENT, THE REQUIRED PANEL OPENING DIMENSIONS CHANGE ACCORDINGLY.

PACKING INFORMATION

PACKING TRAY : 0200-0148-50 (TOP)  
 0200-0148-51 (BOTTOM)

PACKING QUANTITY : 20 PCS FINISHED GOODS PER TRAY  
 7 TRAY (140 PCS FINISHED GOODS) PER CARTON BOX

NOTE : CARDBOARDS ARE PLACED BETWEEN LAYERS OF PACKING TRAY INSIDE CARTON BOX  
 (INCLUDE THE UPPERMOST AND LOWERMOST TRAY)