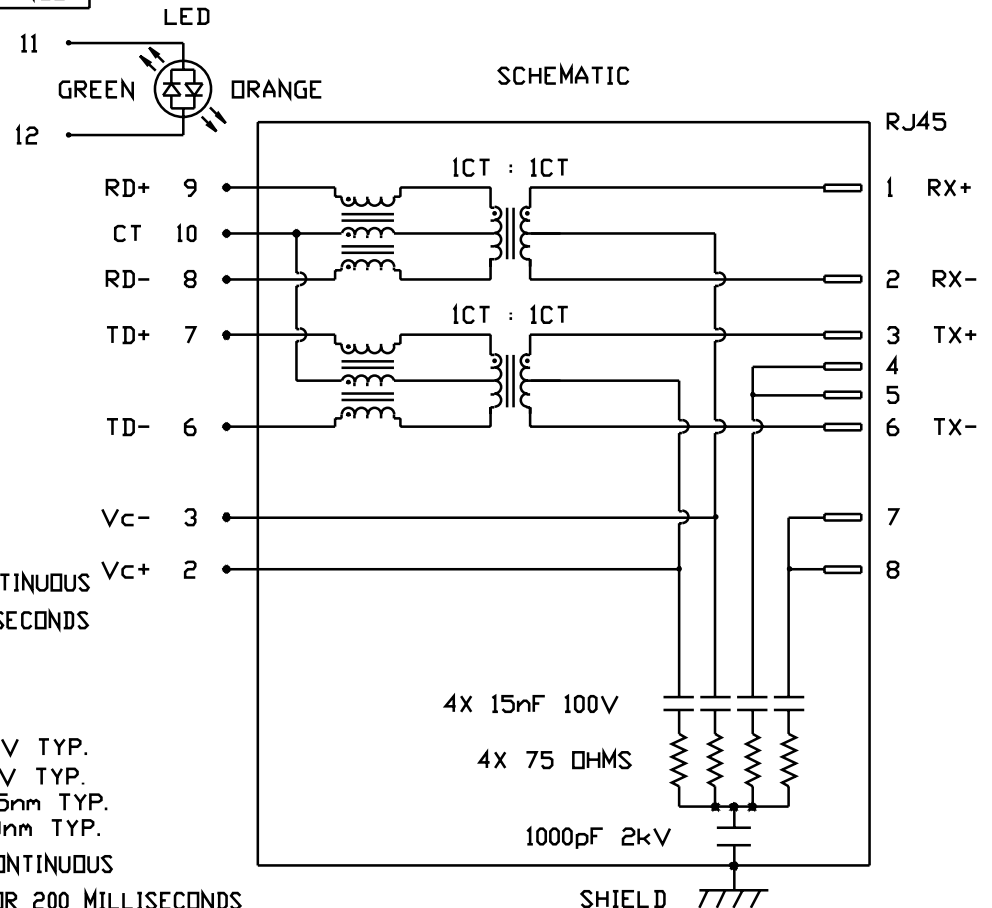


INTEGRATED CONNECTOR MODULES 0864-2X6R-55 Power over Ethernet MagJack® 2 x 6 with LEDs

LED POLARITY		
PIN 11	PIN 12	COLOR
-	+	GREEN
+	-	ORANGE

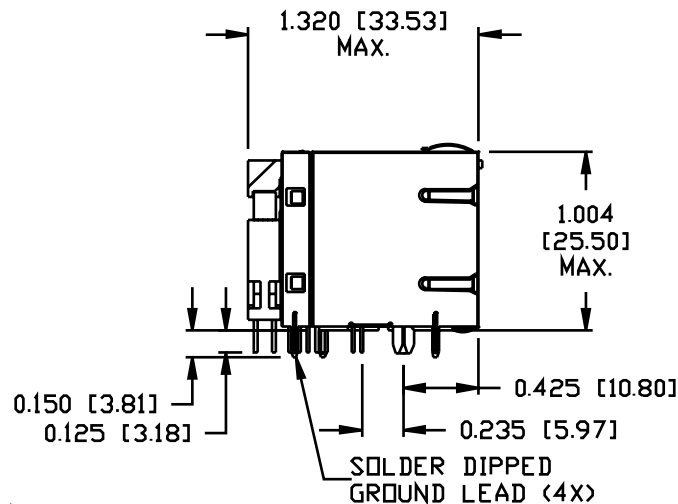
ELECTRICAL CHARACTERISTICS @ 25°C

TRANSFORMER TURNS RATIO OCL @ 0.1V, 100KHz 8mA DC BIAS INSERTION LOSS 100KHz TO 100MHz RETURN LOSS (MIN.) 2MHz-30MHz 60MHz-80MHz LEAKAGE INDUCTANCE PRIMARY W/ SECONDARY SHORTED D.C. RESISTANCE (9-8)=(7-6) (RJ1-RJ2)=(RJ3-RJ6) INTERWINDING CAPACITANCE PER CHANNEL (PRI. to SEC.) CROSSTALK 100KHz TO 100MHz BALANCED DC LINE CURRENT 500mA MAX. @ 57 VDC CONTINUOUS 500mA MAX. @ 57 VDC FOR 200 MILLISECONDS HIPOT (Isolation Voltage): 100% OF PRODUCT TESTED IN PRODUCTION LED VF (FORWARD VOLTAGE) λD (DOMINANT WAVELENGTH) BALANCED DC LINE CURRENT 350 mA MAX. @ 57 VDC CONTINUOUS 500 mA MAX. @ 57 VDC FOR 200 MILLISECONDS	1CT : 1CT ±2% 350μH MIN. -1.5 dB MAX. 16 dB MIN. 10 dB MIN. 0.25μH MAX. @ 1MHz 1.40 Ω MAX. 1.0 Ω MAX. 40 pF MAX. -30 dB MIN. 350mA MAX. @ 57 VDC CONTINUOUS 500mA MAX. @ 57 VDC FOR 200 MILLISECONDS 2250 VDC IF=20mA GREEN 2.2V TYP. IF=20mA ORANGE 2.0V TYP. IF=20mA GREEN 565nm TYP. IF=20mA ORANGE 610nm TYP.
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INTEGRATED CONNECTOR MODULES

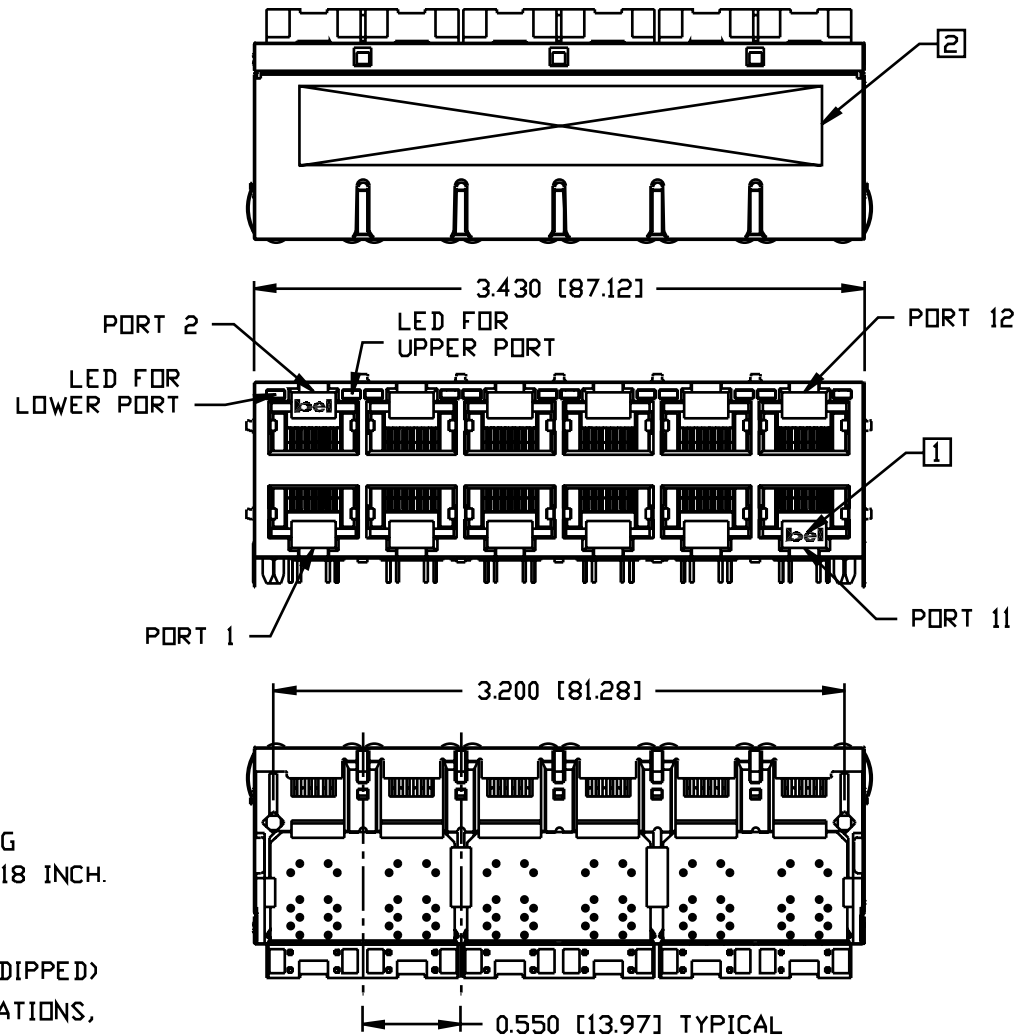
0864-2X6R-55 Power over Ethernet MagJack® 2 x 6 with LEDs



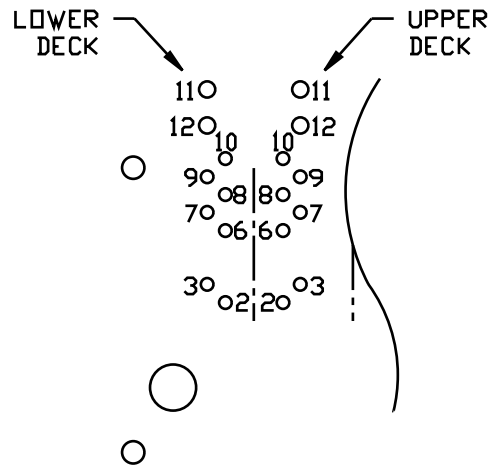
NOTES:

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.
(ALL GROUND LEADS ARE SOLDER DIPPED)

- 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.



INTEGRATED CONNECTOR MODULES **0864-2X6R-55 Power over Ethernet MagJack® 2 x 6 with LEDs**

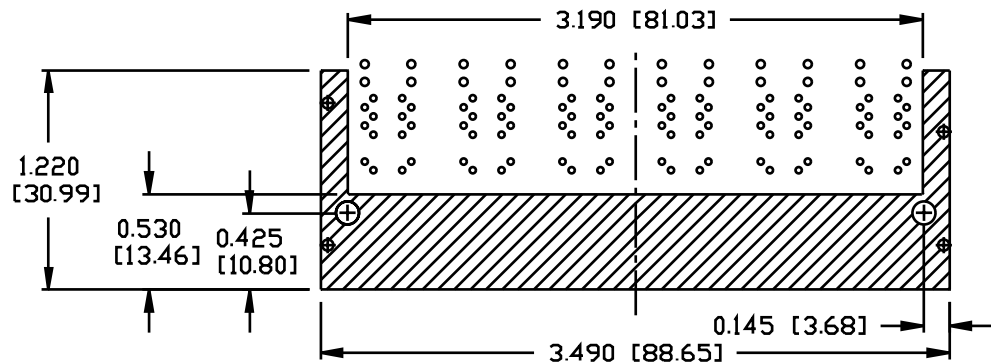
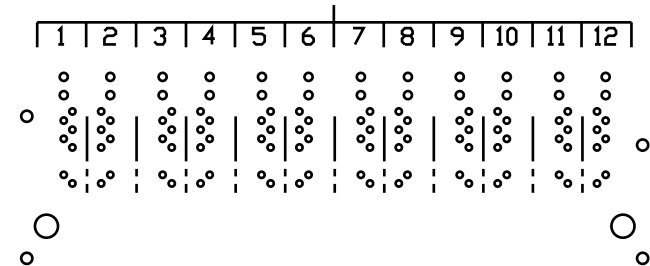


PIN-OUT INFORMATION
(COMPONENT SIDE VIEW)

12	GRN (+)/ORG (-)
11	GRN (-)/ORG (+)
10	COMMON CT
9	RD+
8	RD-
7	TD+
6	TD-
5	NO PIN
4	NO PIN
3	Vc-
2	Vc+
1	NO PIN

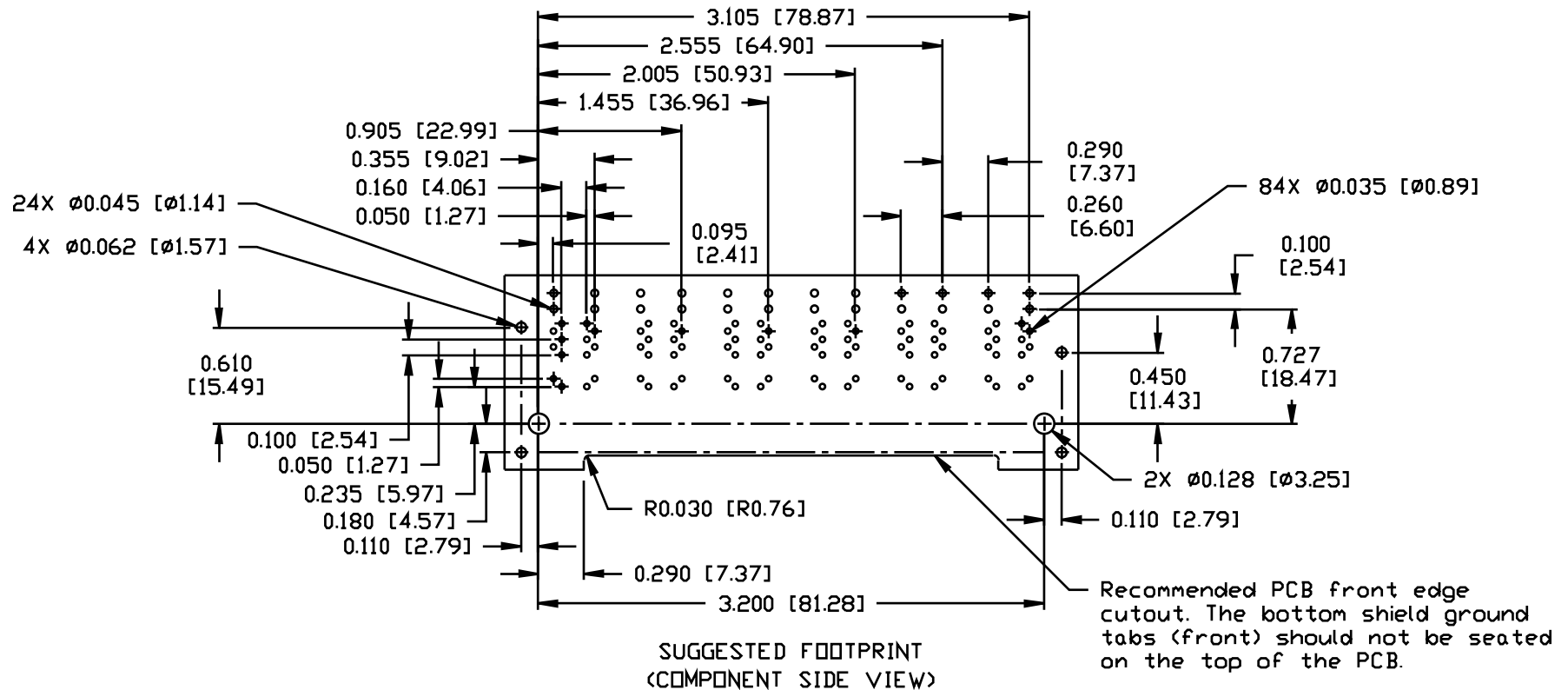
UNUSED PIN LOCATIONS MUST BE
REMOVED TO ENSURE 2KV ISOLATION.

PORT ASSIGNMENT
(COMPONENT SIDE VIEW)



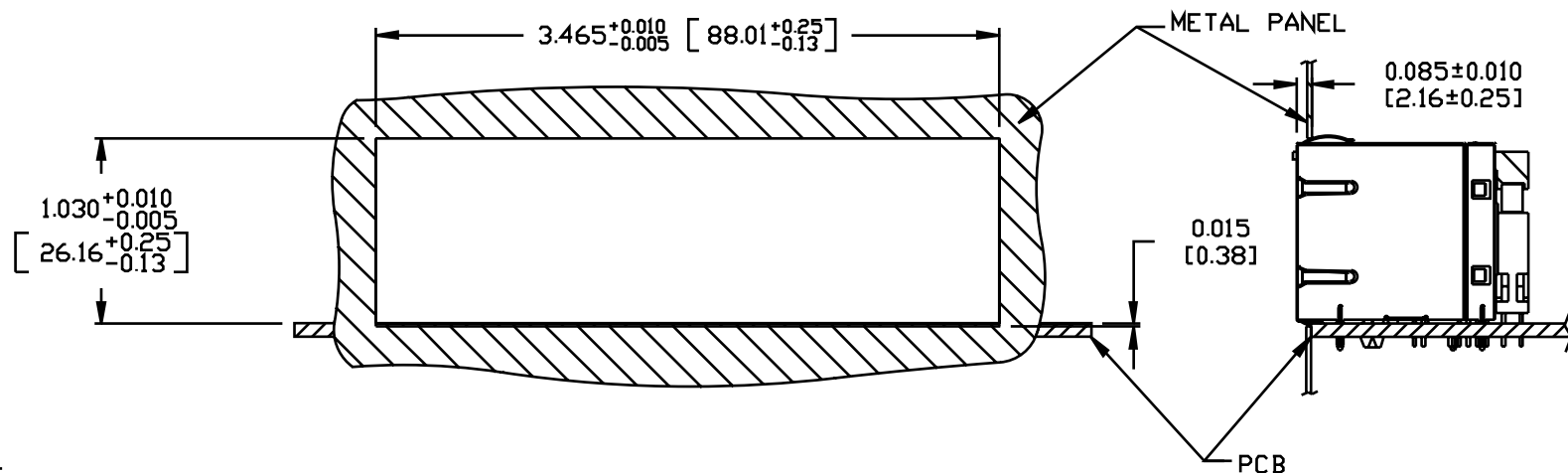
THE SHADED AREA OF BOTTOM SIDE OF PART
MAY BE COVERED BY METAL SHIELD.

INTEGRATED CONNECTOR MODULES **0864-2X6R-55 Power over Ethernet MagJack® 2 x 6 with LEDs**



INTEGRATED CONNECTOR MODULES **0864-2X6R-55 Power over Ethernet MagJack® 2 x 6 with LEDs**

SUGGESTED PANEL OPENING



NOTE:
 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 : 0200-9999-E1 (TOP)
 0200-9999-F5 (BOTTOM)

PACKING QUANTITY : 15 PCS FINISHED GOODS PER TRAY
 6 TRAY (90 PCS FINISHED GOODS) PER CARTON BOX

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