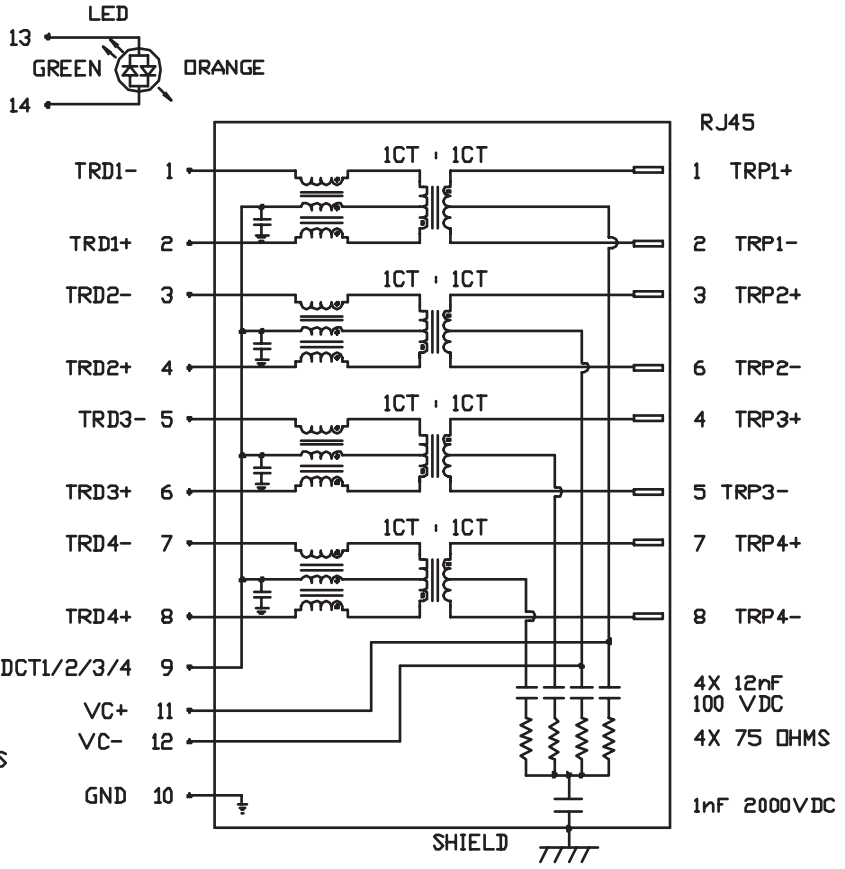
INTEGRATED CONNECTOR MODULES

0873-2X6R-66 Power over Ethernet MagJack® with LEDs 2 x 6

ELECTRICAL CHARACTERISTICS @ 25°C

TURNS RATIO			
TP1	1CT : 1CT ±2%		
TP2	1CT : 1CT ±2%		
TP3	1CT : 1CT ±2%		
TP4	1CT : 1CT ±2%		
OCL @ 100kHz/100mVRMS			
8mA DC BIAS	350 µH MIN.		
INS. LOSS			
0.1MHz TO 1MHz	-1.1 dB MAX		
1MHz TO 65MHz	-0.5 dB MAX		
65MHz TO 100MHz	-0.8 dB MAX		
100MHz TO 125MHz	-1.2 dB MAX		
RET. LOSS (MIN)			
0.5MHz-40MHz	-18 dB		
40MHz-100MHz	-12+20LOG(f/80MHz) dB		
CM TO CM REJ			
100kHz - 100MHz	-30 dB MIN		
CM TO DM REJ			
100kHz - 100MHz	-35 dB MIN		
HIPOT (Isolation Voltage)	2250 VDC		
BALANCED DC LINE CURRENT	350 mA MAX. @ 57 VDC CONTINUOUS 500 mA MAX. @ 57 VDC for 200 MILLISECONDS		
LED			
VF (FORWARD VOLTAGE)	IF=20mA	GREEN	2.2V TYP.
		ORANGE	2.0V TYP.
λD (DOMINANT WAVELENGTH)	IF=20mA	GREEN	565nm TYP.
		ORANGE	610nm TYP.

BI-COLOR LED POLARITY		
PIN	GREEN	ORANGE
13	-	+
14	+	-

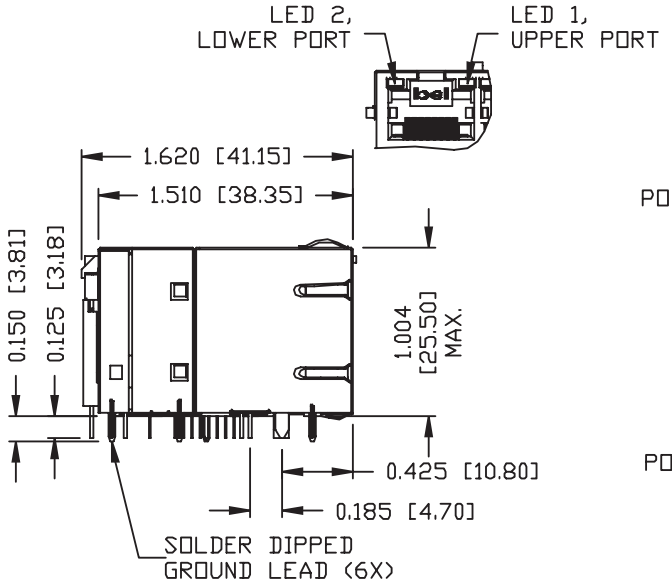


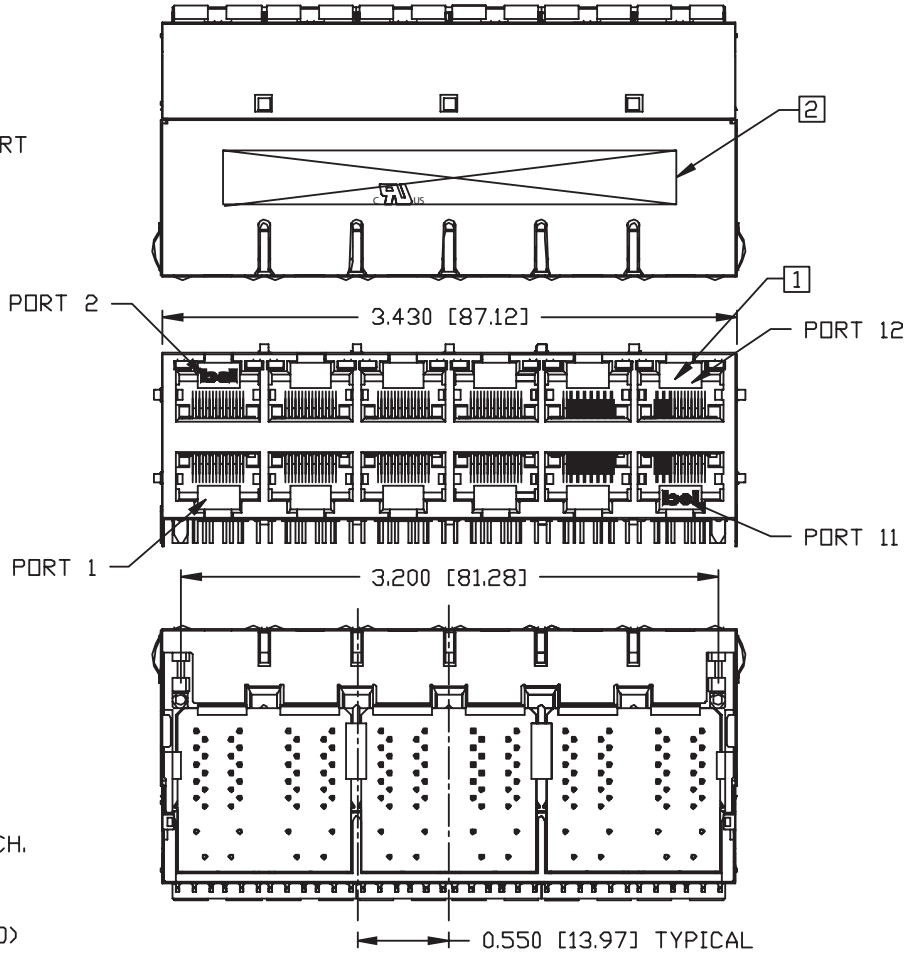
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NOTES:

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, NAME, PART NUMBER AND DATE CODE.

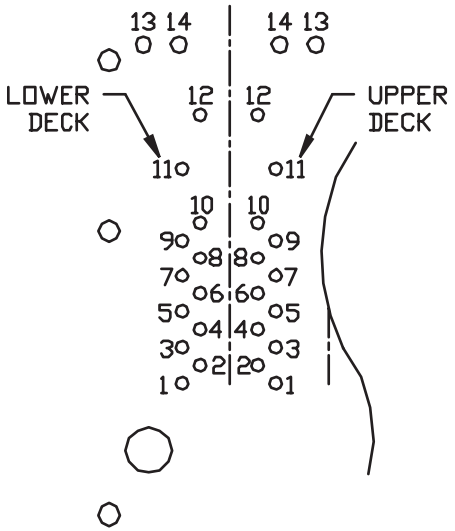
c UL us UL RECOGNIZED - FILE #E196366 AND E169987.

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INTEGRATED CONNECTOR MODULES

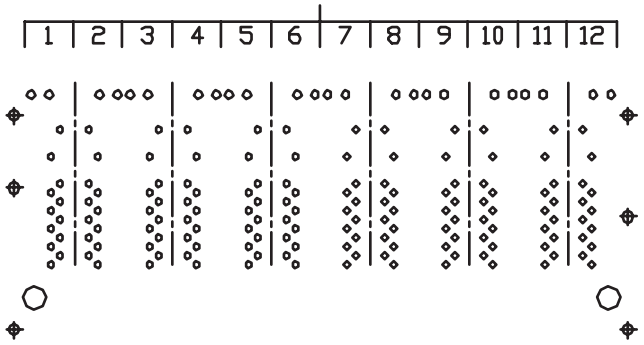
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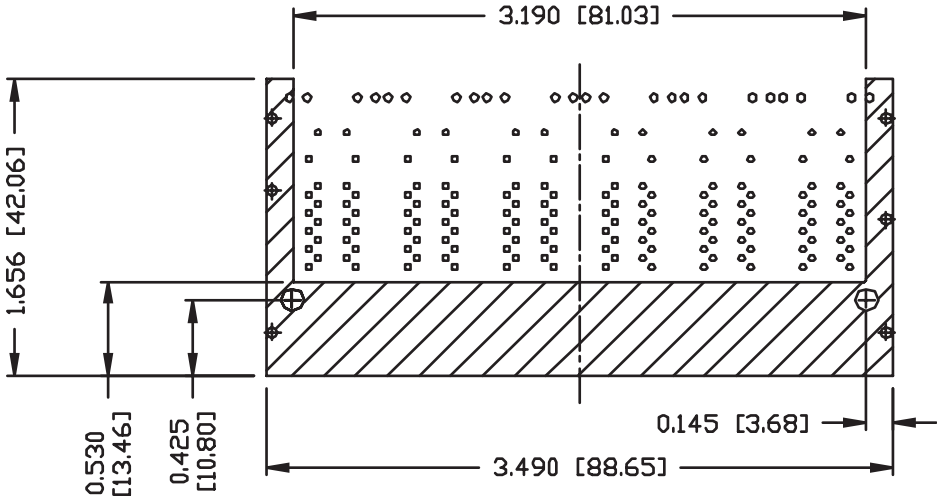


PIN-OUT INFORMATION
(COMPONENT SIDE VIEW)

14	GRN (+)/ORG (-)
13	GRN (-)/ORG (+)
12	VC2
11	VC1
10	GND
9	TRCT1/2/3/4
8	TRD 4+
7	TRD 4-
6	TRD 3+
5	TRD 3-
4	TRD 2+
3	TRD 2-
2	TRD 1+
1	TRD 1-

PORT ASSIGNMENT
(COMPONENT SIDE VIEW)





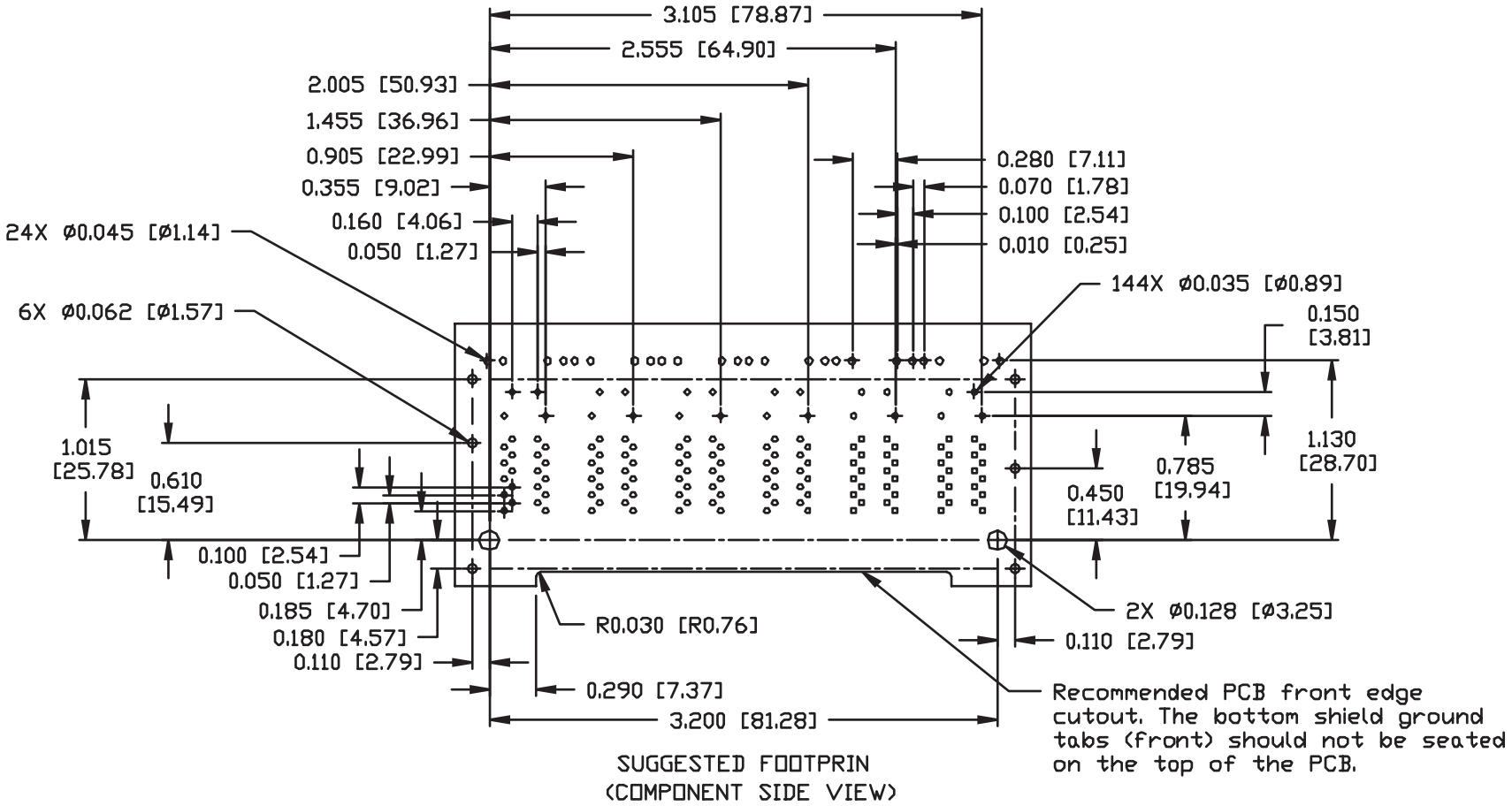
THE SHADED AREA OF BOTTOM SIDE OF PART MAY BE COVERED BY METAL SHIELD.

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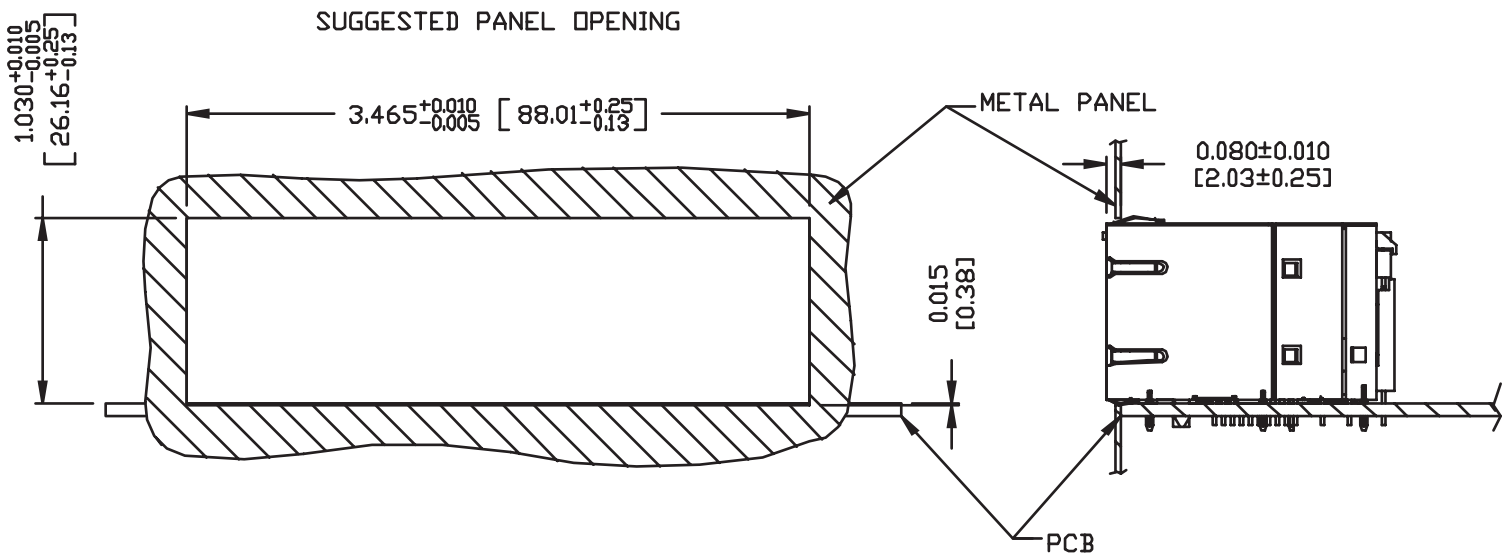
SUGGESTED FOOTPRIN
(COMPONENT SIDE VIEW)

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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-B7 (TOP)
0200-9999-G6 (BOTTOM)

PACKING QUANTITY : 15 PCS FINISHED GOODS PER TRAY.
5 TRAYS (75 PCS FINISHED GOODS) PER CARTON BOX.

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

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