

INTEGRATED CONNECTOR MODULES

0853-2X4R-66 Power over Ethernet MagJack® 2 x 4

ELECTRICAL CHARACTERISTICS @ 25°C

URNS RATIO

TP1	1CT : 1CT ±2%
TP2	1CT : 1CT ±2%
TP3	1CT : 1CT ±2%
TP4	1CT : 1CT ±2%

OCL @ 100kHz/100mVRMS

8mA DC BIAS	350 H MIN.
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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
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CM TO DM REJ

100kHz - 100MHz	-35 dB MIN
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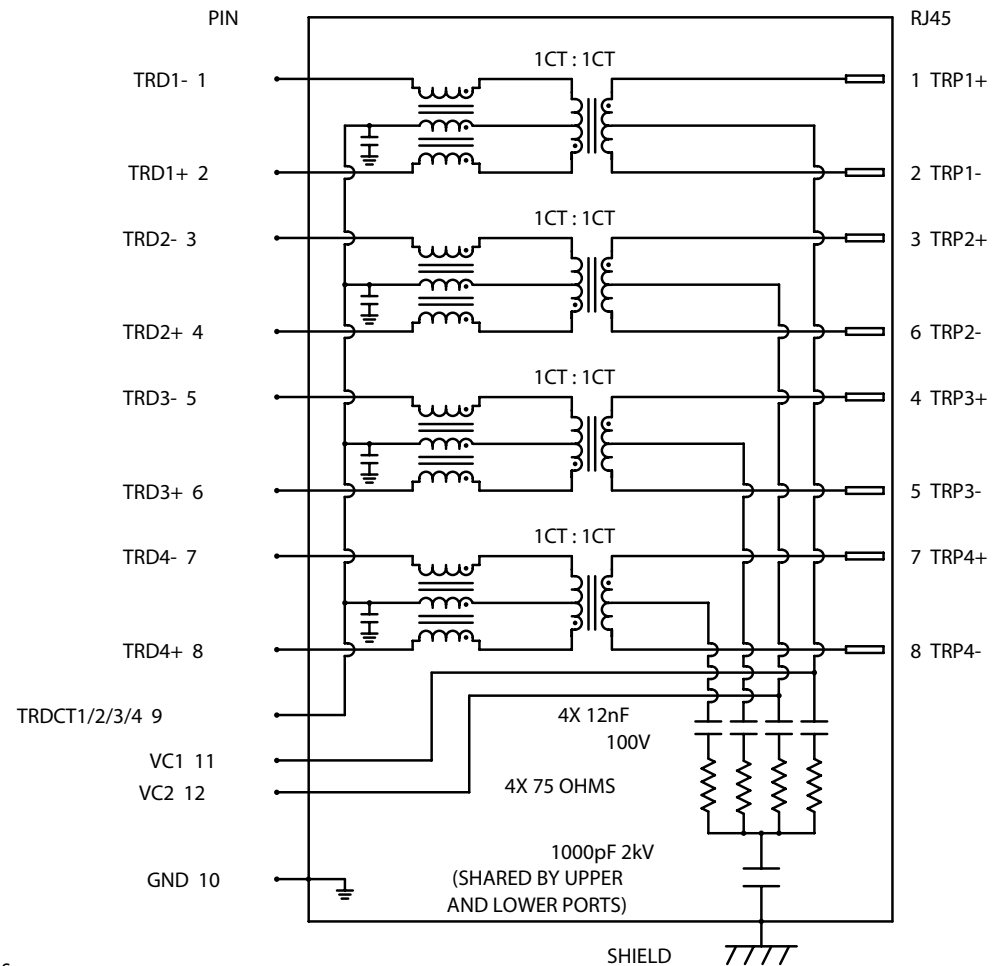
HIPOT (Isolation Voltage):

100% OF PRODUCT TESTED IN PRODUCTION	2250 VDC
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BALANCED DC LINE CURRENT

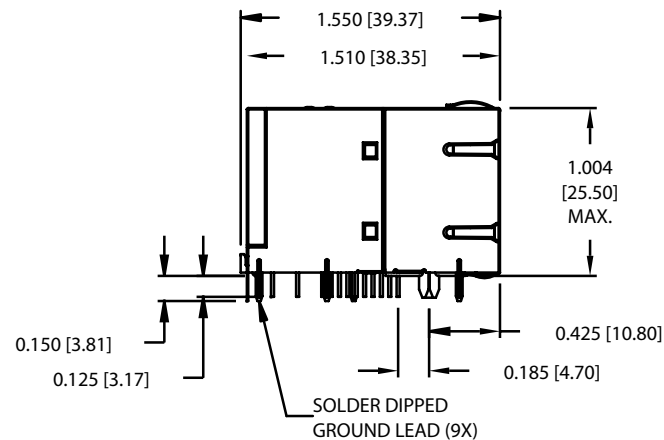
350 mA MAX. @ 57 VDC CONTINUOUS
500 mA MAX. @ 57 VDC FOR 200 MILLISECONDS

SCHEMATIC



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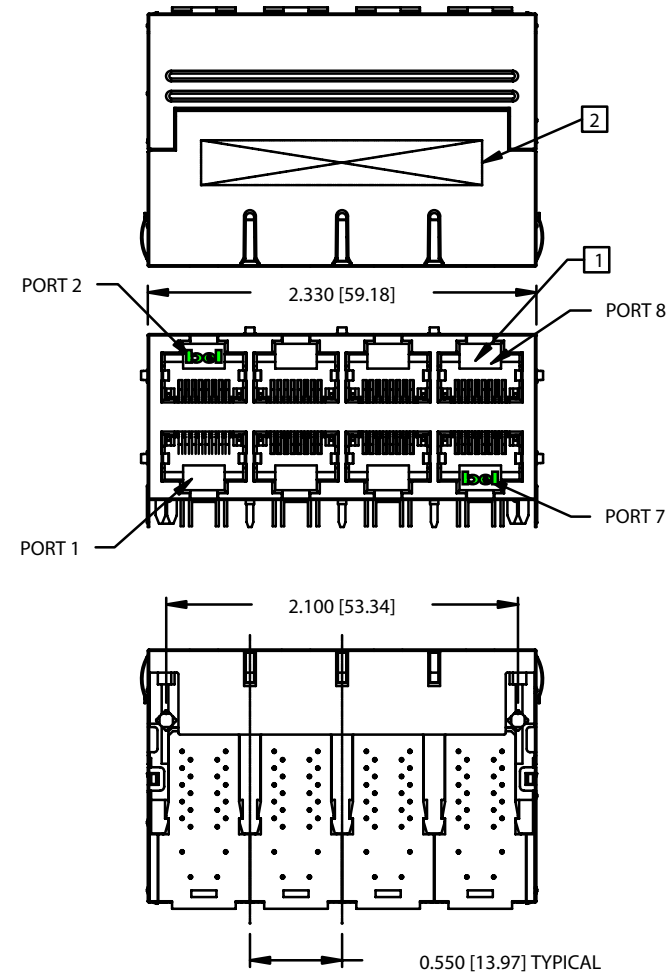


NOTES:

PLASTIC HOUSING:	THERMOPLASTIC PBT FLAMMABILITY RATING UL 94V-0
CONTACT PLATING:	30 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)

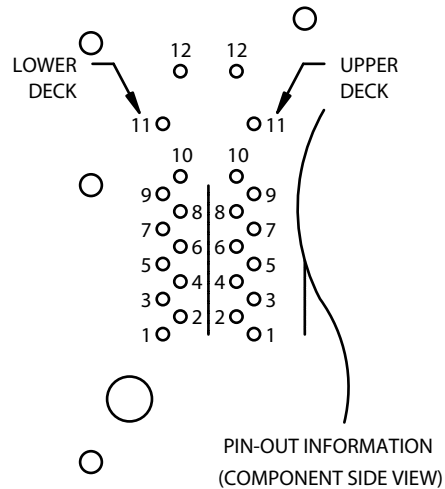
- 1 JACK CAVITY CONFORMS TO FCC RULES AND REGULATIONS, PART 68 SUBPART F.
- 2 MARK PART WITH MFG LOGO, NAME, PART NUMBER AND DATE CODE.

UL RECOGNIZED - FILE #E196366 AND E169987.



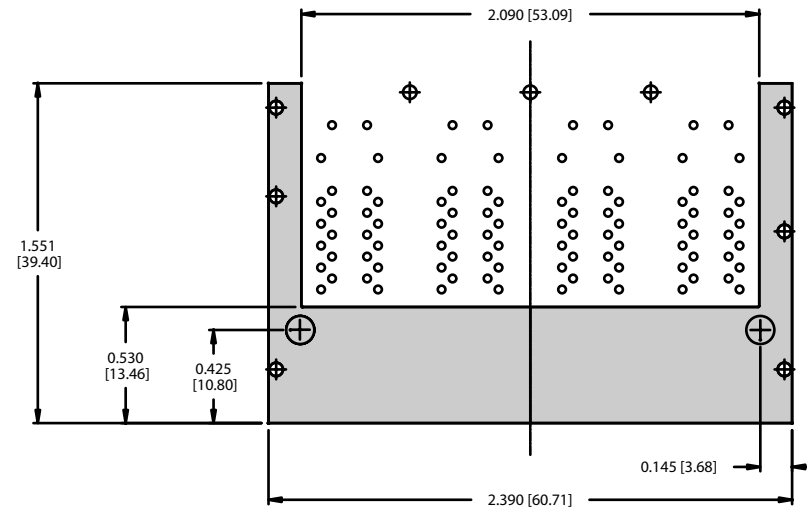
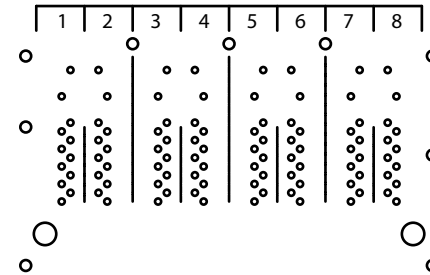
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12	VC2
11	VC1
10	GND
9	TRCT1/2/3/4
8	TRD 4+
7	TRD 4-
6	TRD 3+
5	TRD 3-
4	TRD 2+
3	TRD 2-
2	TRD 1+
1	TRD 1-

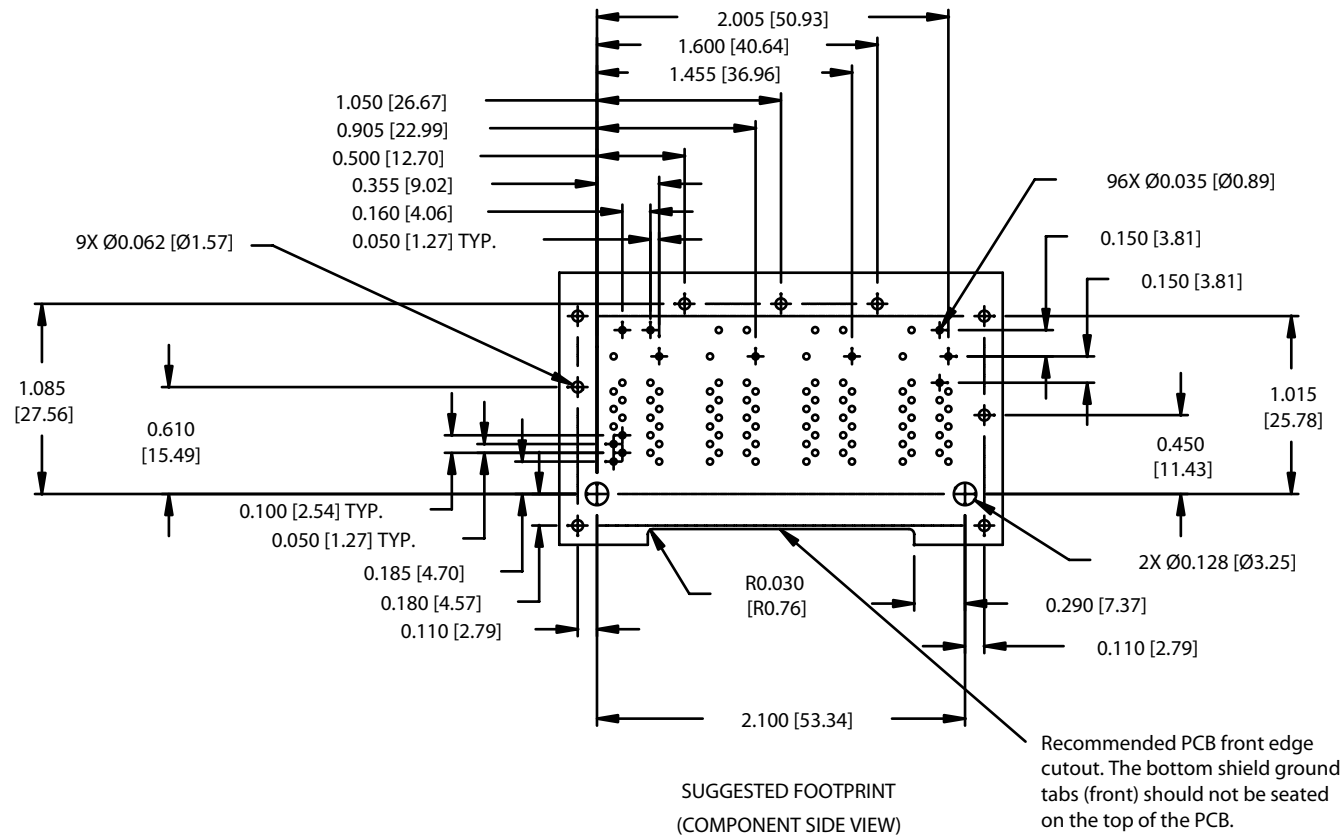
PORT ASSIGNMENT
(COMPONENT SIDE VIEW)



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

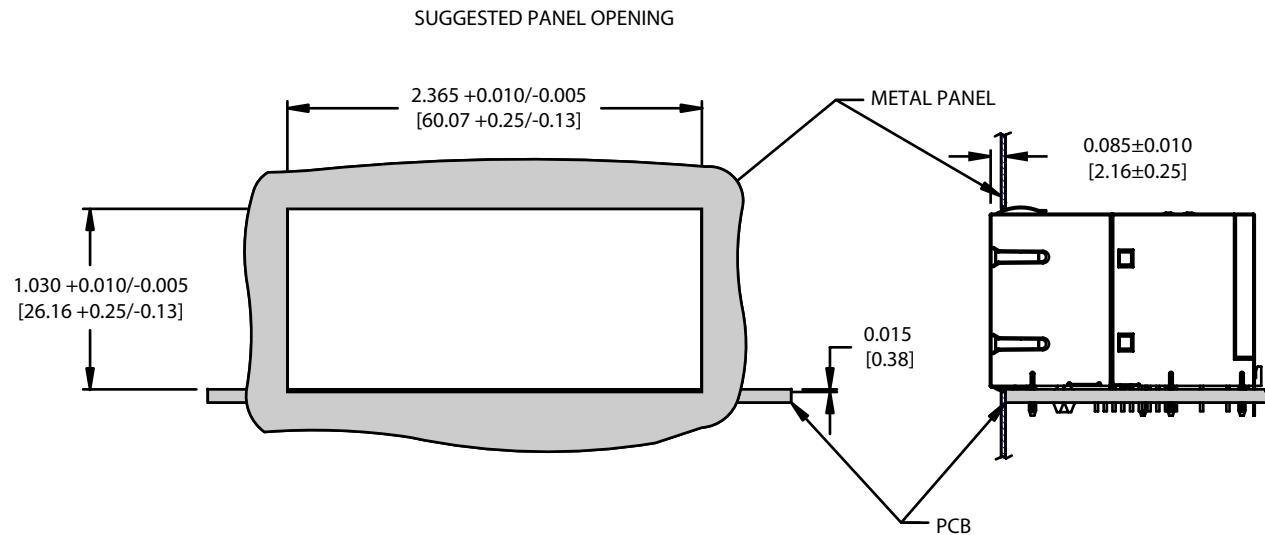
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NOTE:

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.