

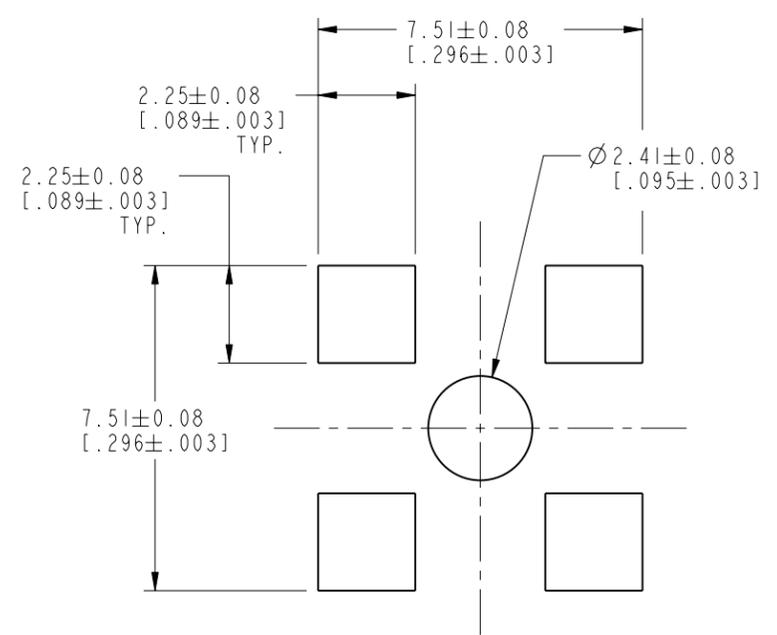
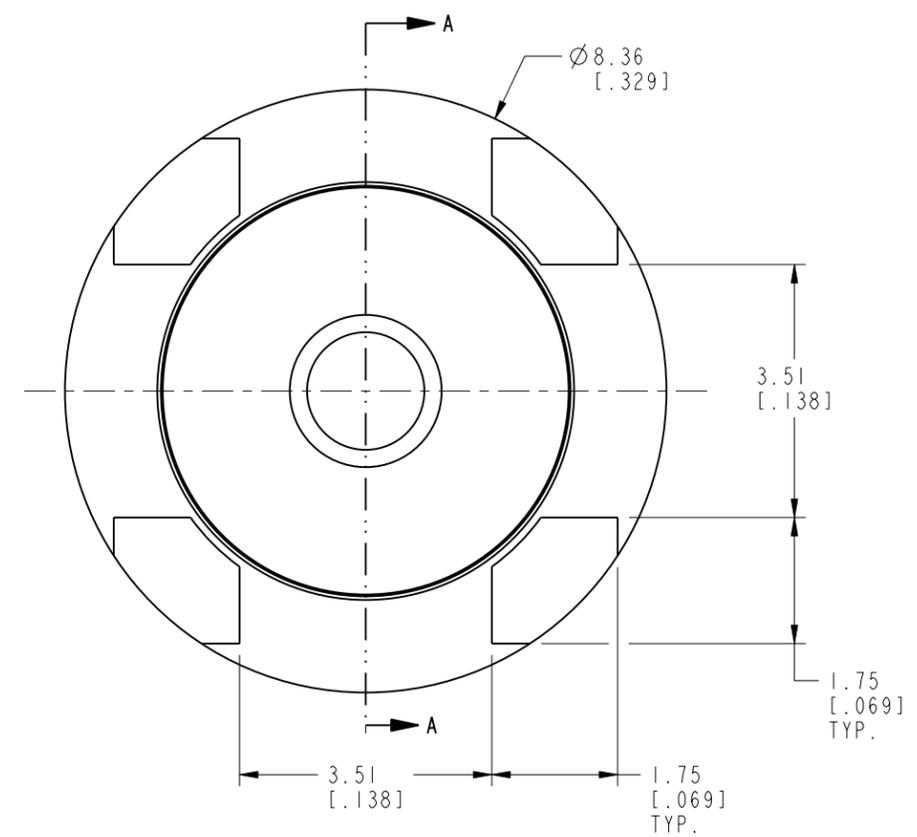
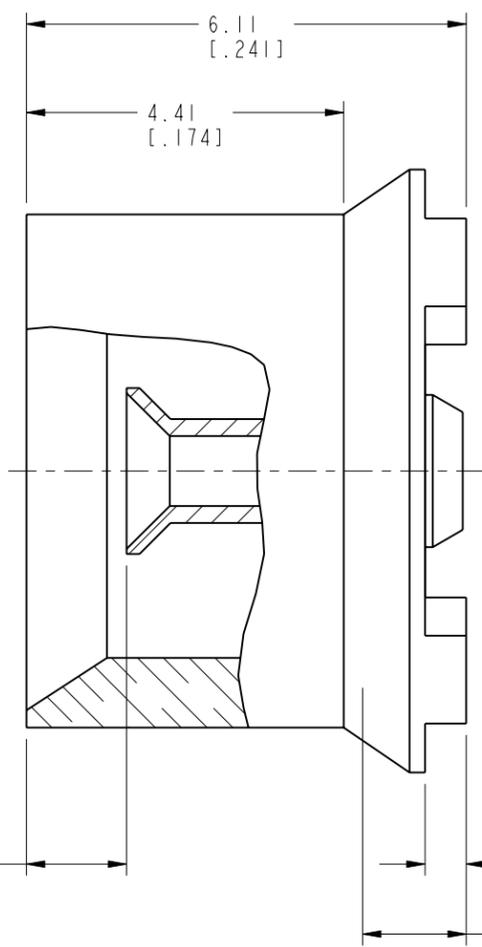
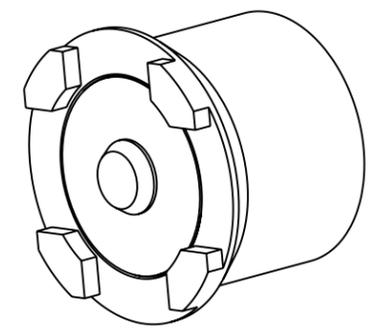
NOTES:

1. MATERIALS AND FINISHES:
 BODY - BRASS, GOLD PLATING
 CONTACT - BeCu, GOLD PLATING
 INSULATOR - PTFE, NATURAL
2. ELECTRICAL:
 A. IMPEDANCE = 50 OHMS, NOMINAL
 B. FREQUENCY RANGE = DC TO 5 GHz
 C. VSWR = 1.20 FROM DC TO 2.5 GHz
 1.30 FROM 2.5 GHz TO 5 GHz
 D. DIELECTRIC WITHSTANDING VOLTAGE: 500 VRMS MIN.
3. MECHANICAL:
 A. OPERATING TEMPERATURE = -65°C to +165°C
 B. DURABILITY = 100 MATING CYCLES MINIMUM
4. PACKAGING:
 A. SINGLE PACK IN BAG.
 B. MARK BAG OR TAG: AMPHENOL RF
 920-298J-51P
 DATE CODE (YYWW)
5. ADD DIM "B" FROM PLUG AND DIM "A" FROM JACK OF TWO MATING CONNECTORS TO FIND THE NOMINAL BOARD-TO-BOARD SPACING. AXIAL FLOAT IS ±0.50 [0.020"] RADIAL FLOAT IS ±0.38 [0.015"]
6. SEE SHEET 3 FOR RECOMMENDED PCB LAUNCH.

THIRD ANGLE PROJ.

REVISIONS

REV	DESCRIPTION	DATE	ECO	APPR
A	RELEASE TO MFG.	13-May-15	50331	JTS



RECOMMENDED PCB LAYOUT

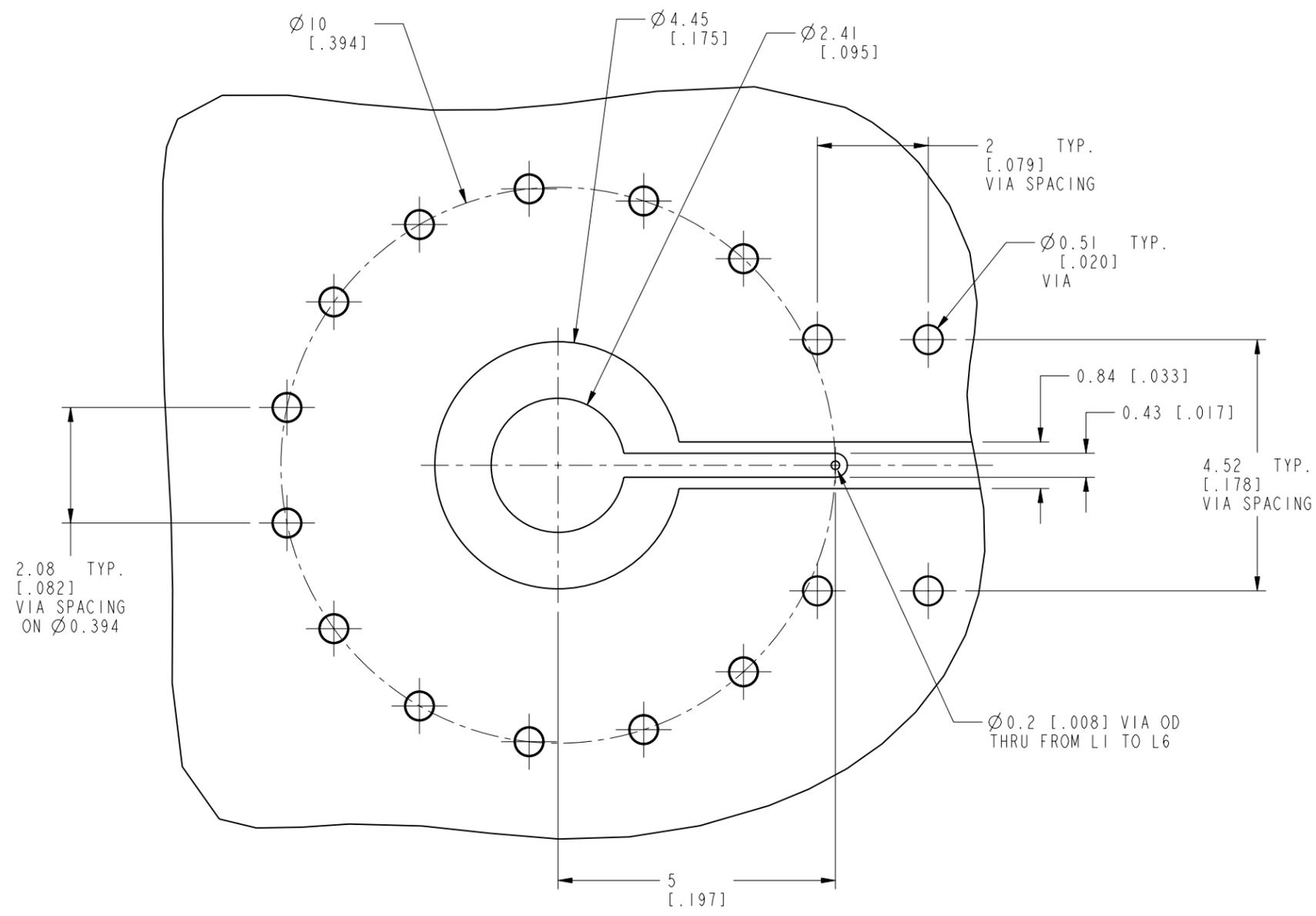
CUSTOMER OUTLINE DRAWING
 ALL OTHER SHEETS ARE FOR INTERNAL USE ONLY

UNLESS OTHERWISE SPECIFIED, DIMENSIONS ARE IN METRIC AND TOLERANCES ARE: <0.5mm ± 0.05mm 0.5 - 6mm ± 0.1mm 6 - 30mm ± 0.2mm 30 - 120mm ± 0.3mm ANGLES ± 1°	MATERIAL	DRAWN	DATE	TITLE AF1 STR JACK PCB SMT	Amphenol RF www.amphenolrf.com
	-	R. MAO	11-May-15		
	REFERENCE	ENGINEER	DATE	SCALE: 10.0:1.0 SHEET 2 OF 4	DRAWING NO. 920-298J-51P
	EAR #6347 AND	T. SMITH	11-Jul-14		
NOTICE - These drawings, specifications, or other data (1) are, and remain the property of Amphenol corp. (2) must be returned upon request; and (3) are confidential and not to be disclosed to any person other than those to whom they are given by Amphenol Corp. the furnishing of these drawings, specifications, or other data by Amphenol Corp., or to any other person to anyone for any purpose is not to be regarded by implication or otherwise in any manner licensing, granting rights to permitting such holder or any other person to manufacture, use or sell any product, process or design, patented or otherwise, that may in any way be related to or disclosed by said drawings, specifications, or other data.	CONFIGURATION LEVEL:	APPROVED	DATE	DWG SIZE B	REV A
FINISH		S. HSIEH	13-May-15		

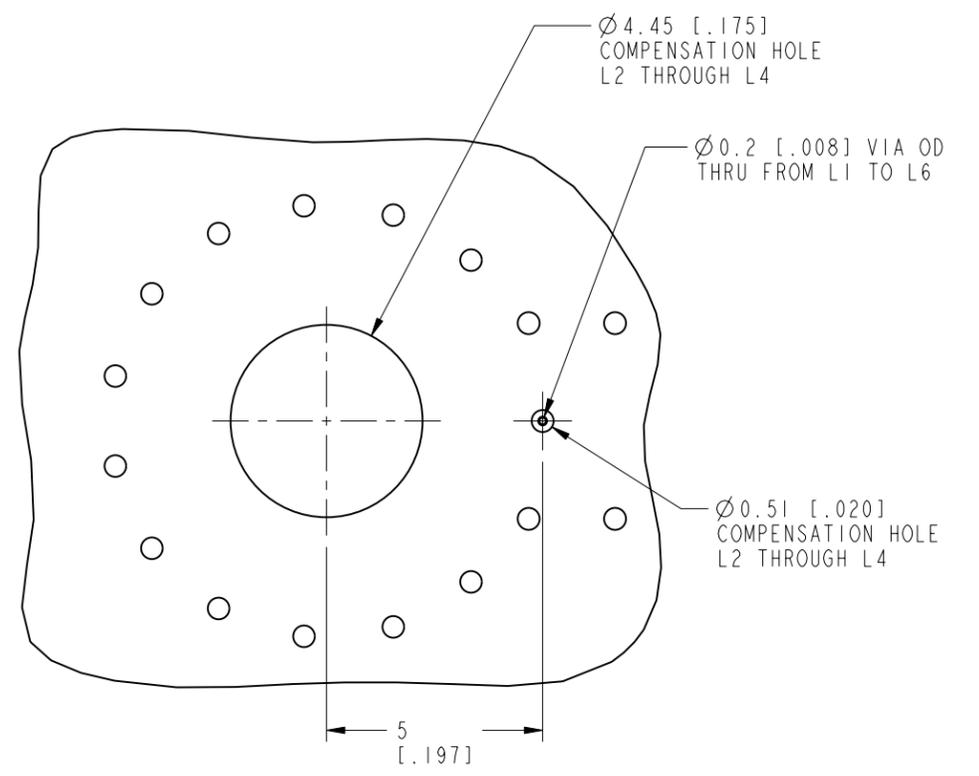
THIRD ANGLE PROJ.

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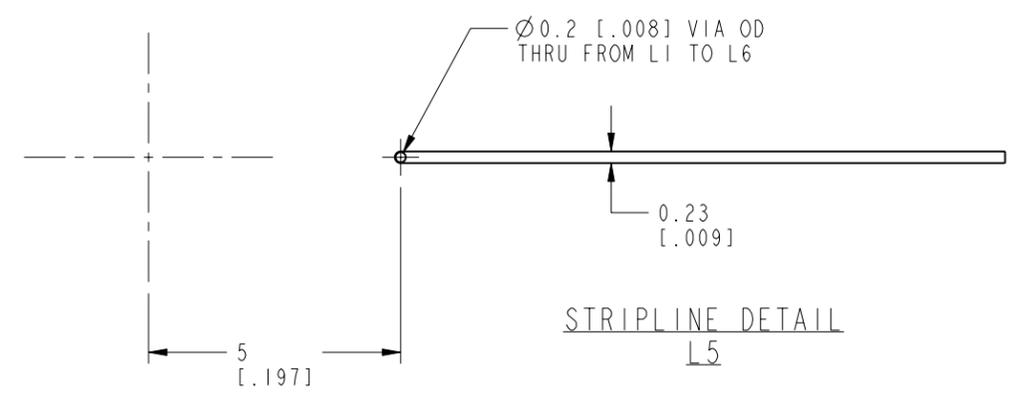
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SIGNAL LAYER DETAIL
L1



GROUND LAYER DETAIL
L2 THROUGH L4



STRIPLINE DETAIL
L5

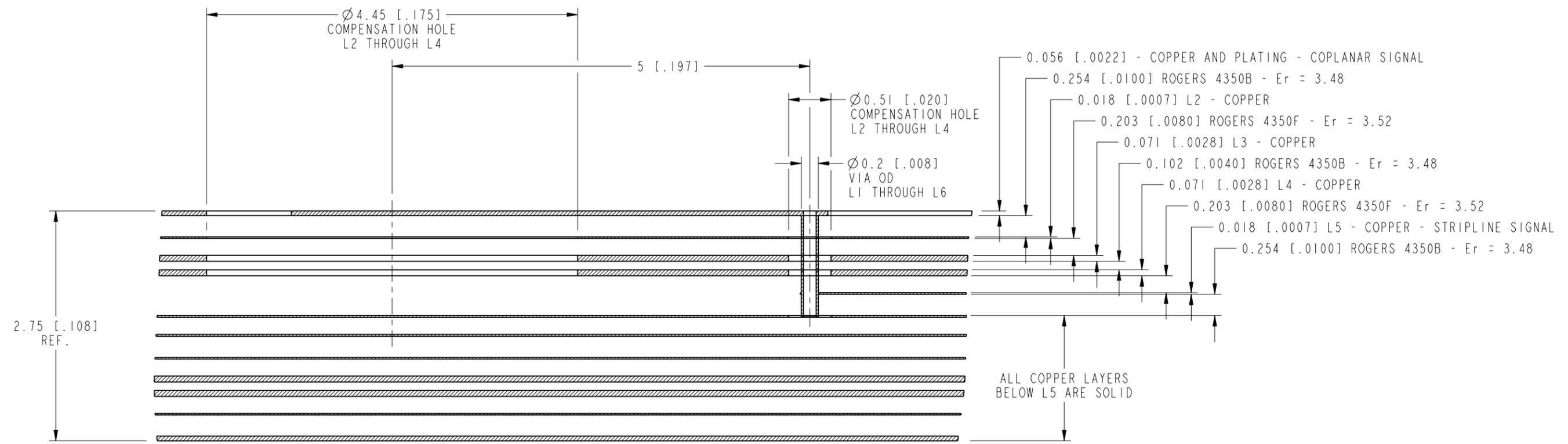
RECOMMENDED PCB LAUNCH
SEE SHEET 4 FOR BOARD STACKUP DETAIL

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	REFERENCE EAR #6347 AND	ENGINEER T. SMITH	DATE 29-Aug-14		
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	FINISH	CAD FILE	DWG SIZE B	REV A	PART NO. 920-298J-51P

THIRD ANGLE PROJ.

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	FINISH	CAD FILE	DWG SIZE B	REV A	ITEM NO. 920-298J-51P
					PART NO. 920-298J-51P