

NOTES:
1. MATERIALS AND FINISHES:
BODY - BRASS, NICKEL PLATING
HOUSING - BRASS, GOLD PLATING
CONTACT - BeCu, GOLD PLATING
INSULATORS - PTFE, NATURAL

2. ELECTRICAL:
A. IMPEDANCE: 75 OHMS
B. FREQUENCY RANGE: DC - 4.5 GHz
C. RETURN LOSS : -25 dB MIN AT 3 GHz
D. DIELECTRIC WITHSTANDING VOLTAGE: 1000 VRMS, MIN.
E. INSULATION RESISTANCE: 10,000 MEGOHMS MIN

3. MECHANICAL:
A. DURABILITY: 500 CYCLES MIN.

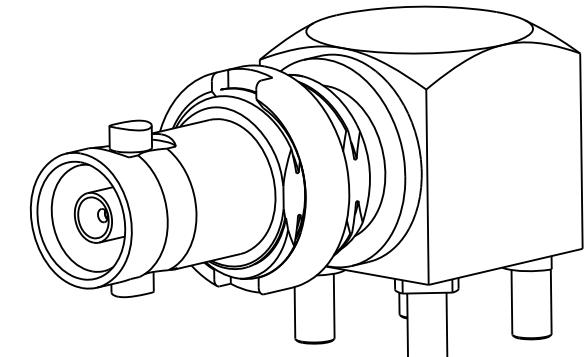
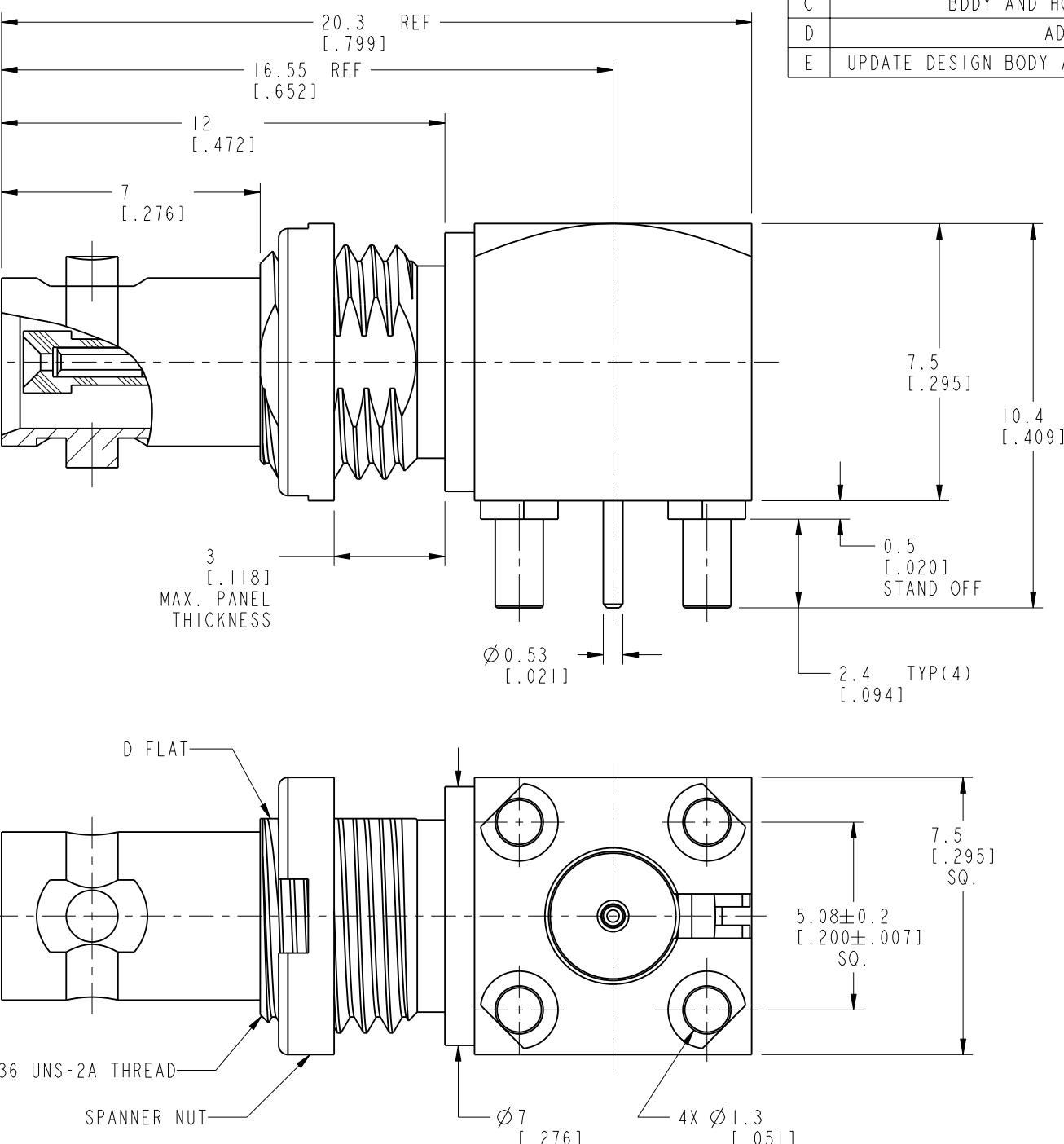
4. ENVIRONMENTAL:
A. THERMAL SHOCK PER MIL-STD-202 METHOD 107
TEST CONDITION B (EXCEPT HIGH TEMP @200° C)
B. VIBRATION: MIL-STD-202 METHOD 204 TEST CONDITION B
C. SHOCK: MIL-STD-202 METHOD 213 TEST CONDITION B
D. CORROSION: MIL-STD-202 METHOD 101
TEST CONDITION B 5% SALT SOLUTION

5. PACKAGING:
A. QUANTITY: SINGLE PACK
B. MARKING: BAG TO BE MARKED
"AMPHENOL RF, 34-1030, AND DATE CODE"

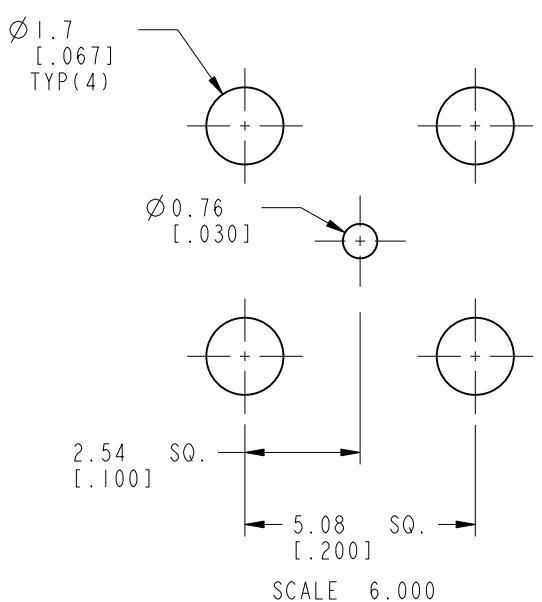
THIRD ANGLE PROJ. 

REVISIONS

REV	DESCRIPTION	DATE	ECO	APPR
A	RELEASED TO MFG.	13-Oct-10	48270	PNE
B	REMOVED FORMING	09-Dec-10	48368	SH
C	BDDY AND HOUSING WERE CHANGED	10-May-11	--	SH
D	ADD FORMOVER	9/20/11	48780	JTS
E	UPDATE DESIGN BODY AND HOUSING, CAP WAS CHANGED	24-Oct-12	49222	DH



SCALE 4.000



**RECOMMENDED
PCB LAYOUT**

UNLESS OTHERWISE SPECIFIED, DIMENSIONS ARE IN METRIC AND TOLERANCES ARE:
<0.5mm 0.5 - 6mm 6 - 30mm 30 - 120mm ANGLES
± 0.05mm ± 0.1mm ± 0.2mm ± 0.3mm ± 1°

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MATERIAL
SEE NOTES

DRAWN
T.DENG

DATE
24-Oct-12

TITLE
HD BNC RA BHD
JACK PCB MOUNT

ENGINEER
NISCHIT MV

DATE
09-Apr-10

REFERENCE
EAR # 4028
CONFIGURATION LEVEL:
FINISH

APPROVED
D.HU

DATE
24-Oct-12

SCALE: 6.0:1.0 SHEET 2 OF 6
DWG SIZE B REV E
PART NO. 34-1030

Amphenol RF
Danbury CT USA, Tainan, Taiwan, Shenzhen, China
www.amphenolrf.com
DRAWING NO. 34-1030
ITEM NO. 34-1030
PART NO. 34-1030

CUSTOMER OUTLINE DRAWING
ALL OTHER SHEETS ARE FOR INTERNAL USE ONLY

CONFIGURATION-O

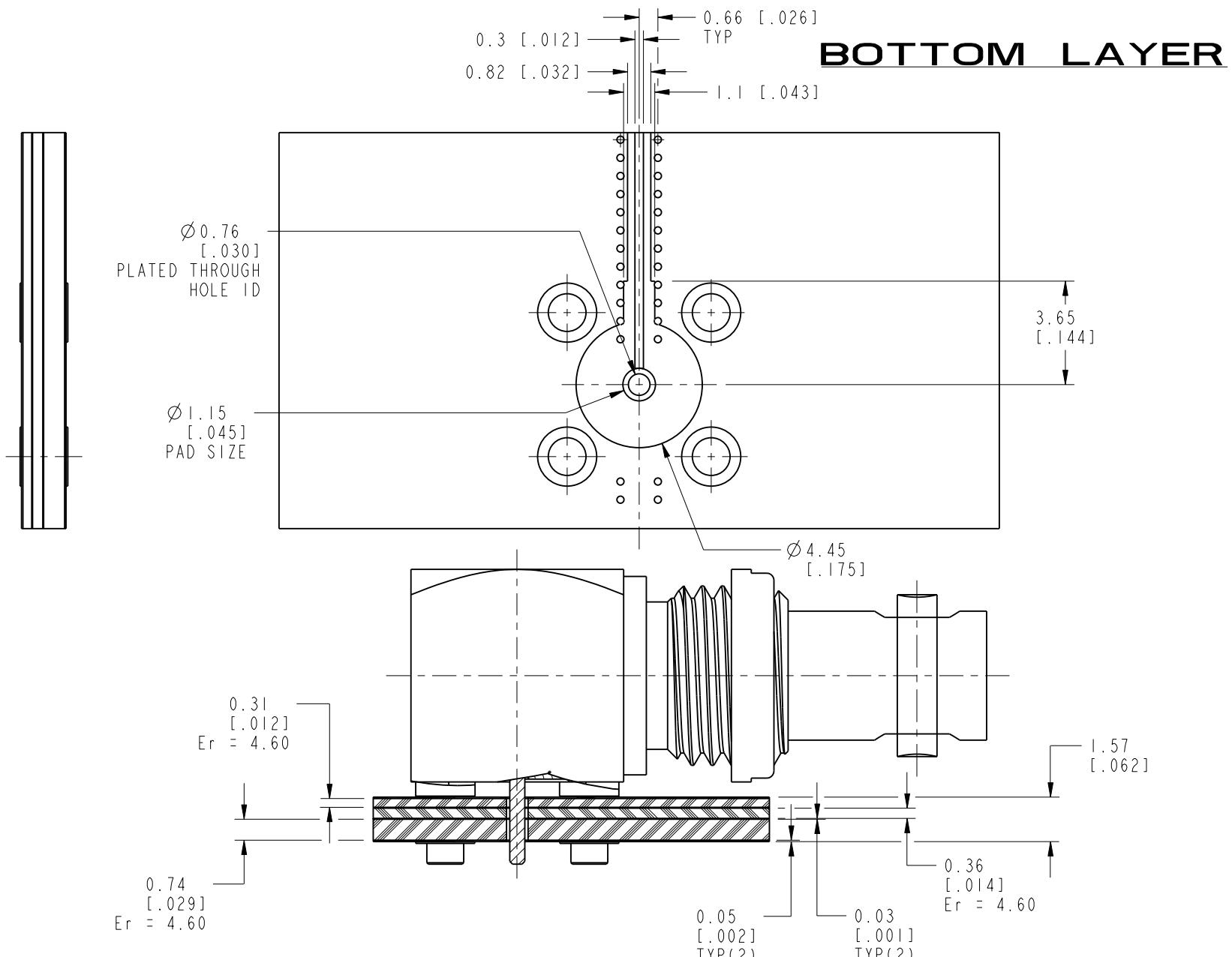
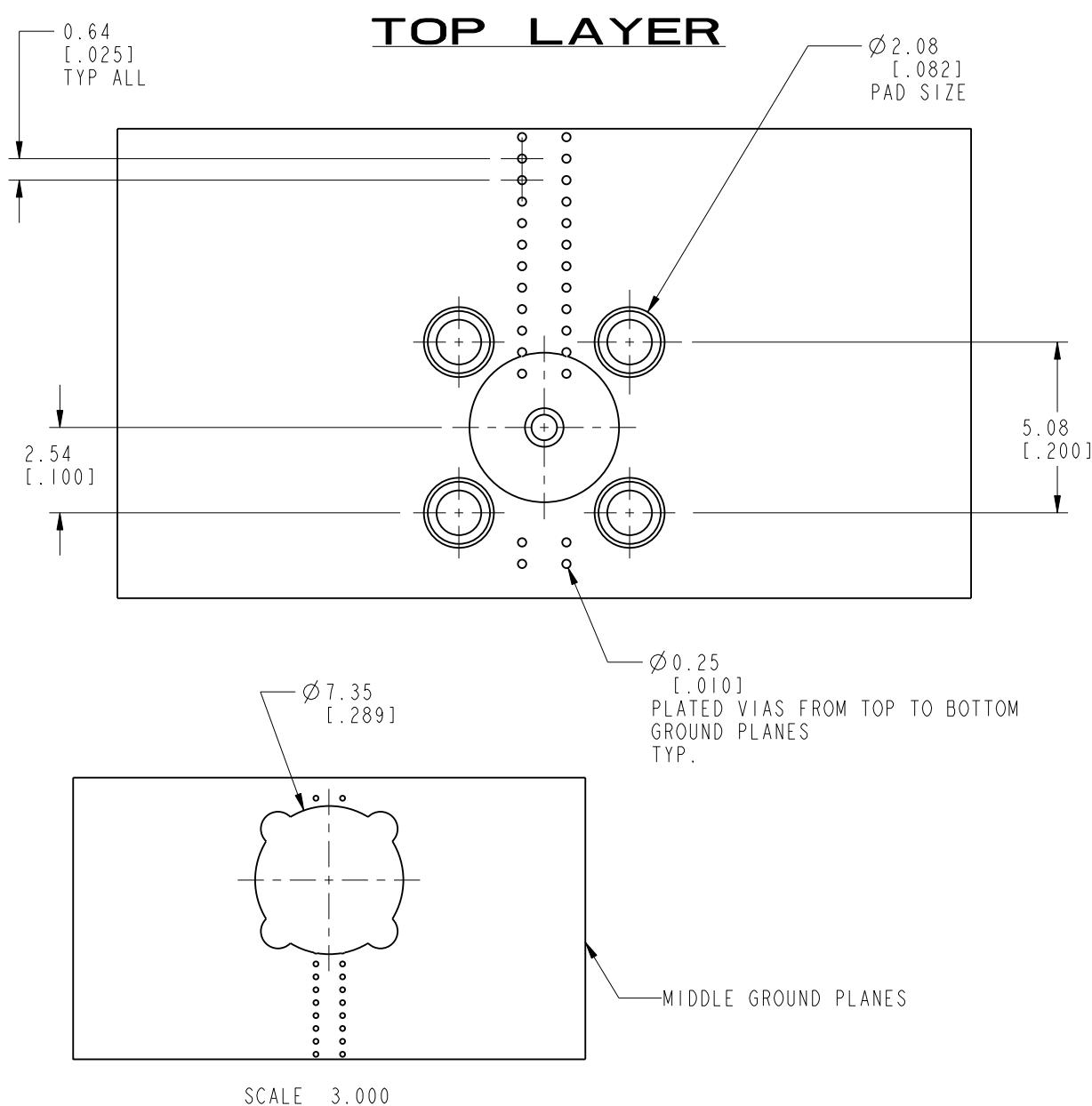
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RECOMMENDED PCB LAUNCH FOR OPTIMAL RF PERFORMANCE

VARIATIONS IN BOARD SUBSTRATE AND TRACE MAY REQUIRE DIFFERENT GEOMETRY



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MATERIAL	DRAWN T. DENG	DATE 24-Oct-12	TITLE HD BNC RA BHD JACK PCB MOUNT	Amphenol RF
	ENGINEER NISCHIT MV	DATE 29-Jun-10		Danbury CT USA, Tainan, Taiwan, Shenzhen, China www.amphenolrf.com
REFERENCE EAR # 4028	APPROVED D. HU	DATE 24-Oct-12		DRAWING NO. 34-1030
CONFIGURATION LEVEL:	CAD FILE	SCALE: 2.0:1.0	3 OF 6	ITEM NO. 34-1030
FINISH		DWG SIZE B	REV E	PART NO. 34-1030

CONFIGURATION-1

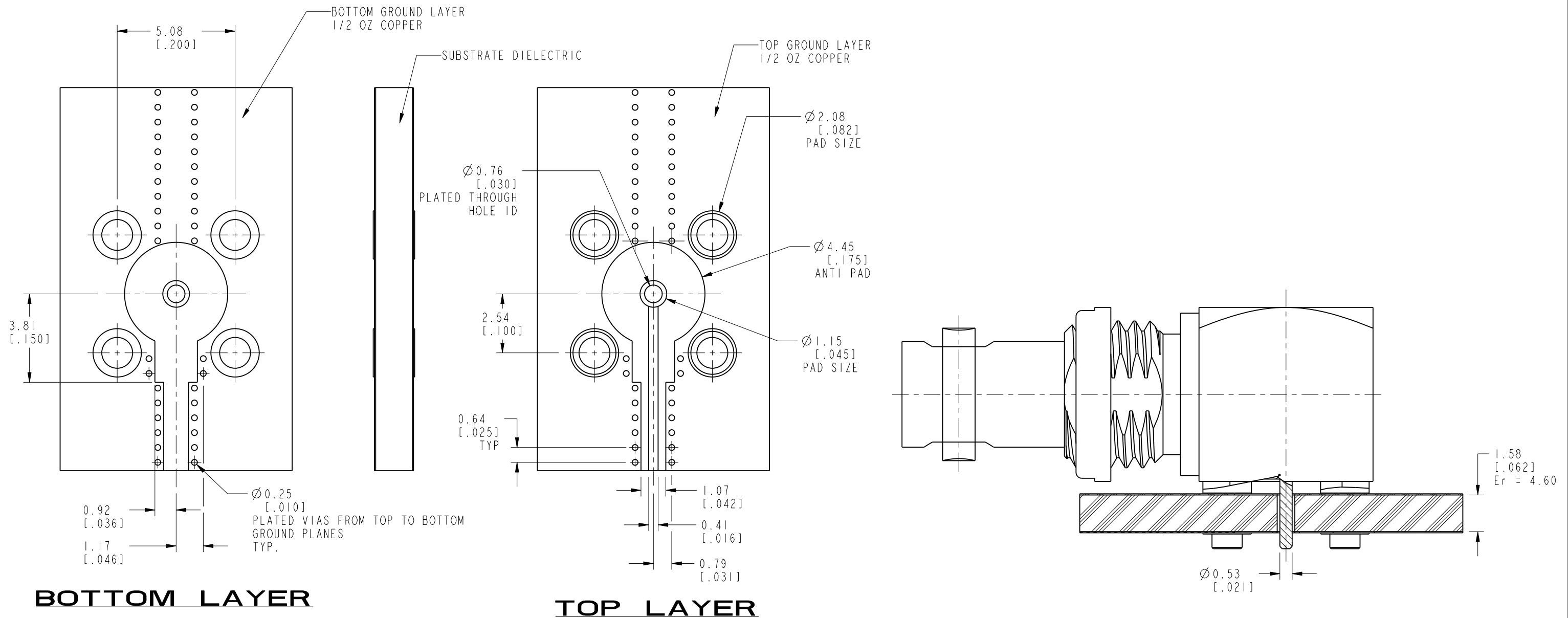
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BOTTOM LAYER
TOP LAYER

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	ENGINEER NISCHIT MV	DATE 29-Jun-10		
REFERENCE EAR # 4028 CONFIGURATION LEVEL: FINISH	APPROVED D.HU	DATE 24-Oct-12	DRAWING NO. 34-1030 ITEM NO. 34-1030 PART NO. 34-1030	SCALE: 3.0:1.0 SHEET 4 OF 6 DWG SIZE B REV E
	CAD FILE			

CONFIGURATION-2

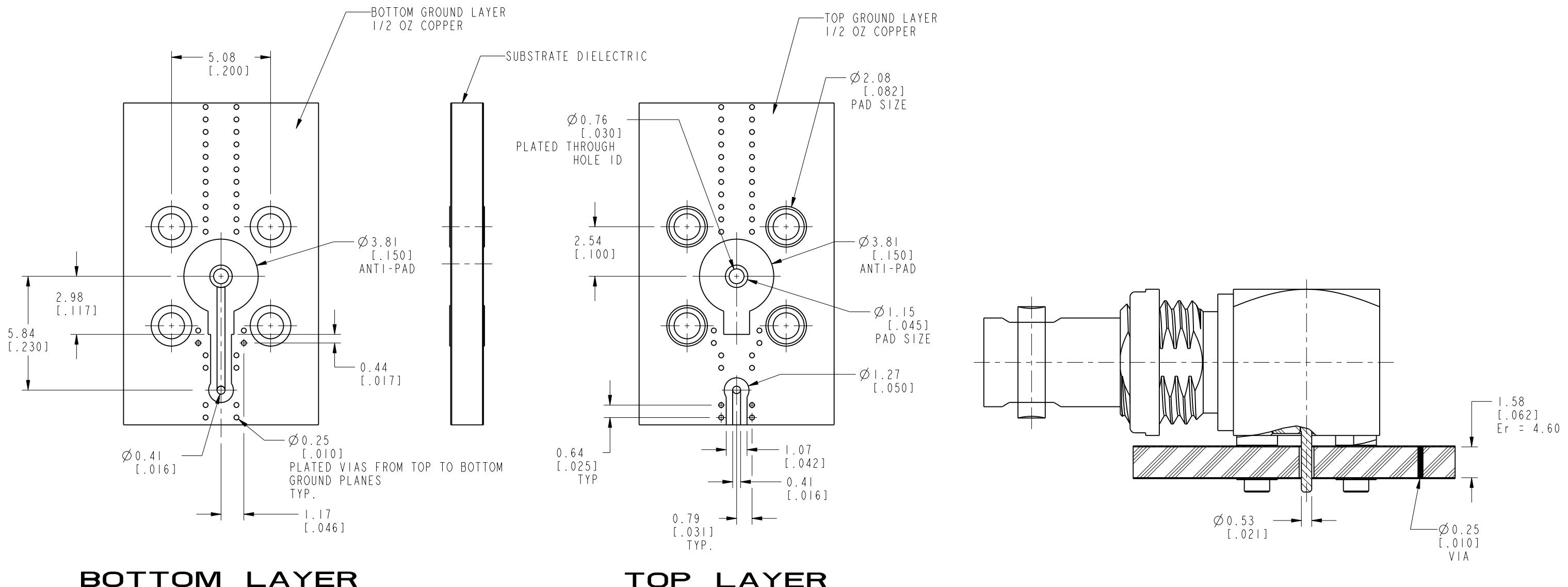
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MATERIAL

ENGINEER

REFERENCE

CONFIGURATION LEVEL:

FINISH

 DRAWN
T.DENG

 APPROVED
D.HU

CAD FILE

 DWG SIZE
B

 DATE
24-Oct-12

 DATE
20-May-10

 DATE
24-Oct-12

 REV
E

TITLE

HD BNC RA BHD

JACK PCB MOUNT

SCALE: 0.8:1.0

SHEET 5 OF 6

DWG SIZE

REV

Amphenol RF

 Danbury CT USA, Tainan, Taiwan, Shenzhen, China
www.amphenolrf.com

DRAWING NO. 34-1030

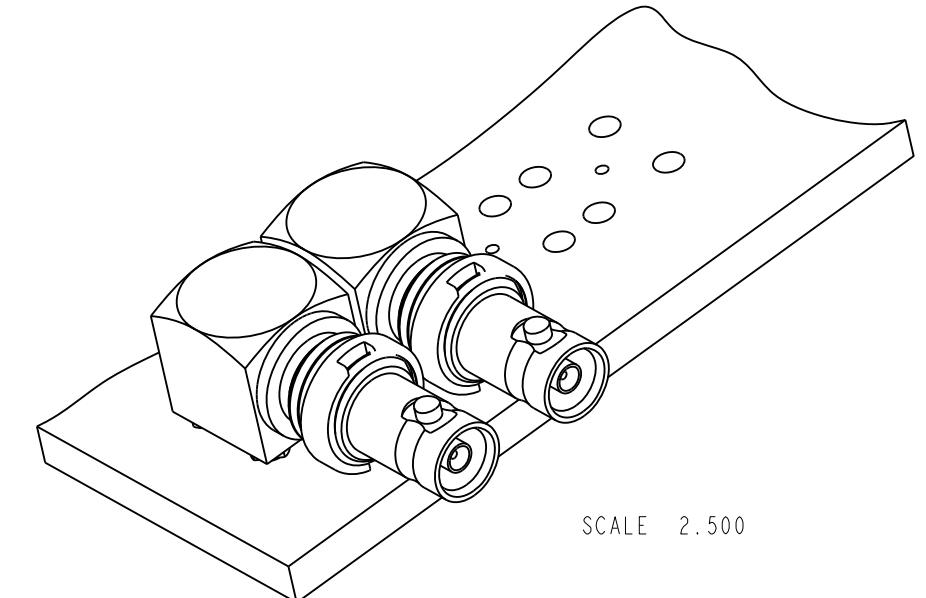
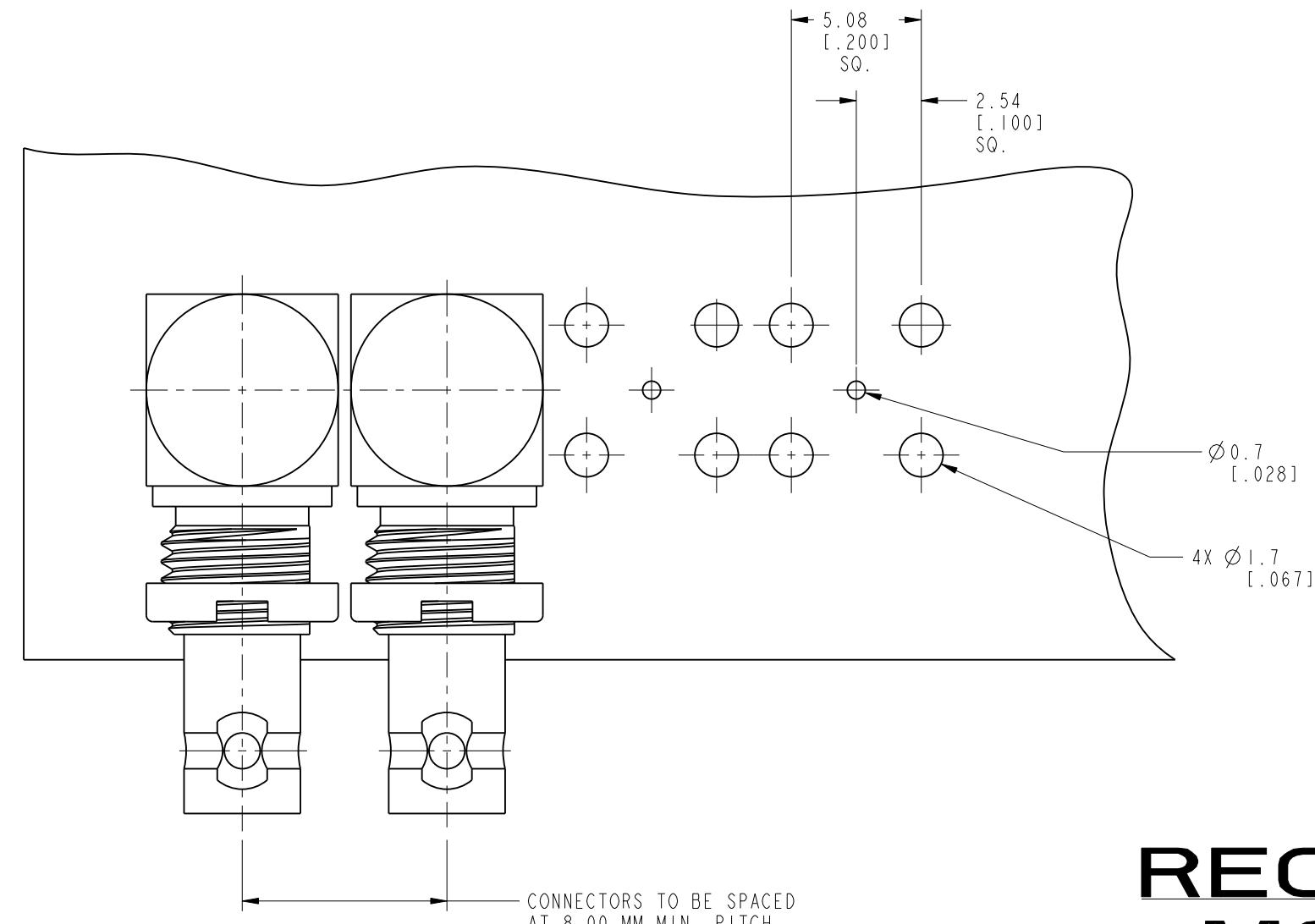
ITEM NO. 34-1030

PART NO. 34-1030

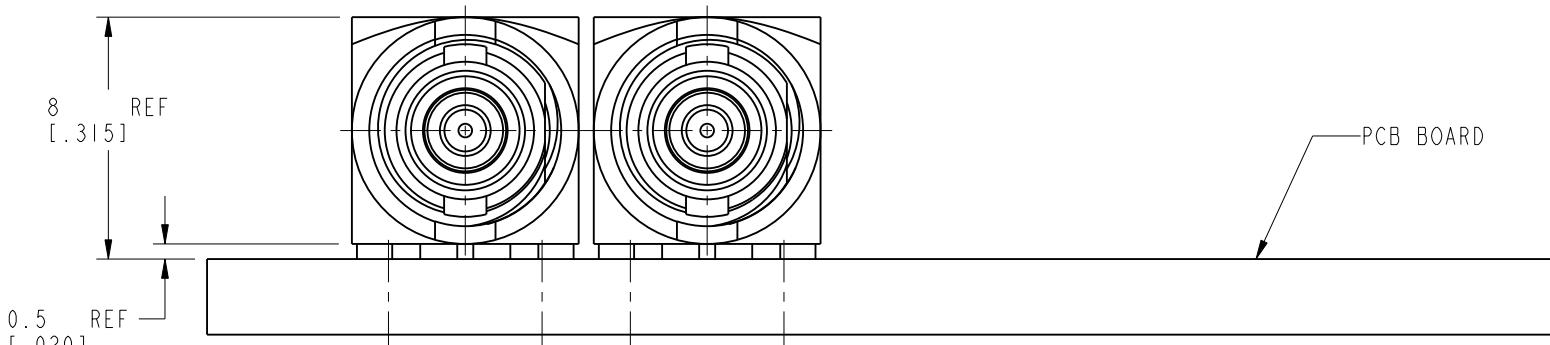
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RECOMMENDED PCB MOUNTING HOLES



CUSTOMER OUTLINE DRAWING

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	ENGINEER NISCHIT MV	DATE 20-May-10		
REFERENCE EAR # 4028 CONFIGURATION LEVEL: FINISH	APPROVED D.HU	DATE 24-Oct-12	DRAWING NO. 34-1030 ITEM NO. 34-1030 PART NO. 34-1030	DWG SIZE B
	CAD FILE	DATE 24-Oct-12		
		REV E		