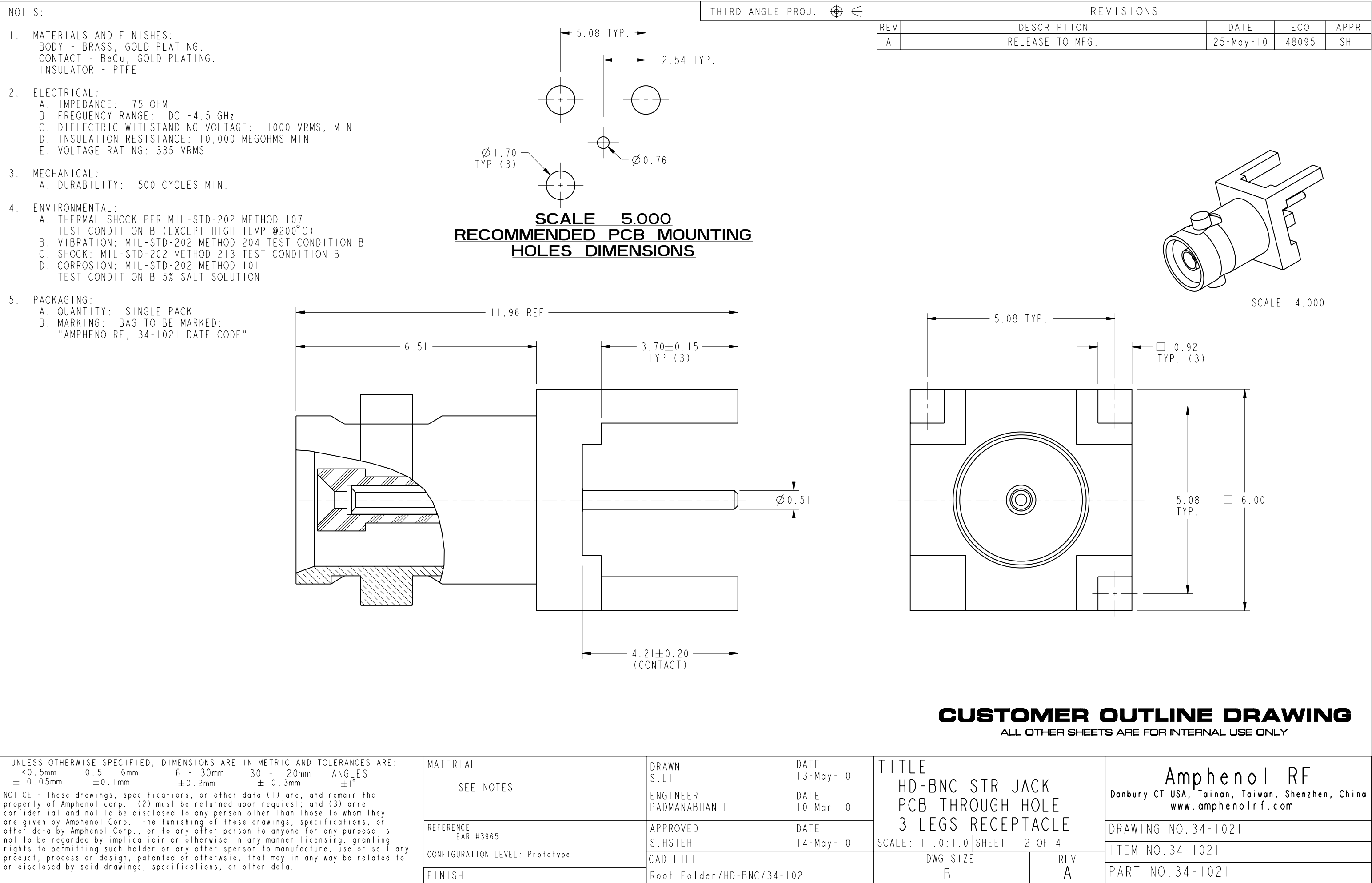




SCALE 4.000

CUSTOMER OUTLINE DRAWING

ALL OTHER SHEETS ARE FOR INTERNAL USE ONLY

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°

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 sperson 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.

MATERIAL
SEE NOTES

REFERENCE
EAR #3965

CONFIGURATION LEVEL: Prototype

FINISH

DRAWN
S.LI

ENGINEER
PADMANABHAN E

APPROVED
S.HSIEH

CAD FILE
Root Folder/HD-BNC/34-1021

DATE
13-May-10

DATE
10-Mar-10

DATE
14-May-10

Root Folder/HD-BNC/34-1021

TITLE
HD-BNC STR JACK
PCB THROUGH HOLE
3 LEGS RECEPTACLE

SCALE: 11.0:1.0

SHEET 2 OF 4

DWG SIZE
B

REV
A

Amphenol RF

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

DRAWING NO.34-1021

ITEM NO.34-1021

PART NO.34-1021

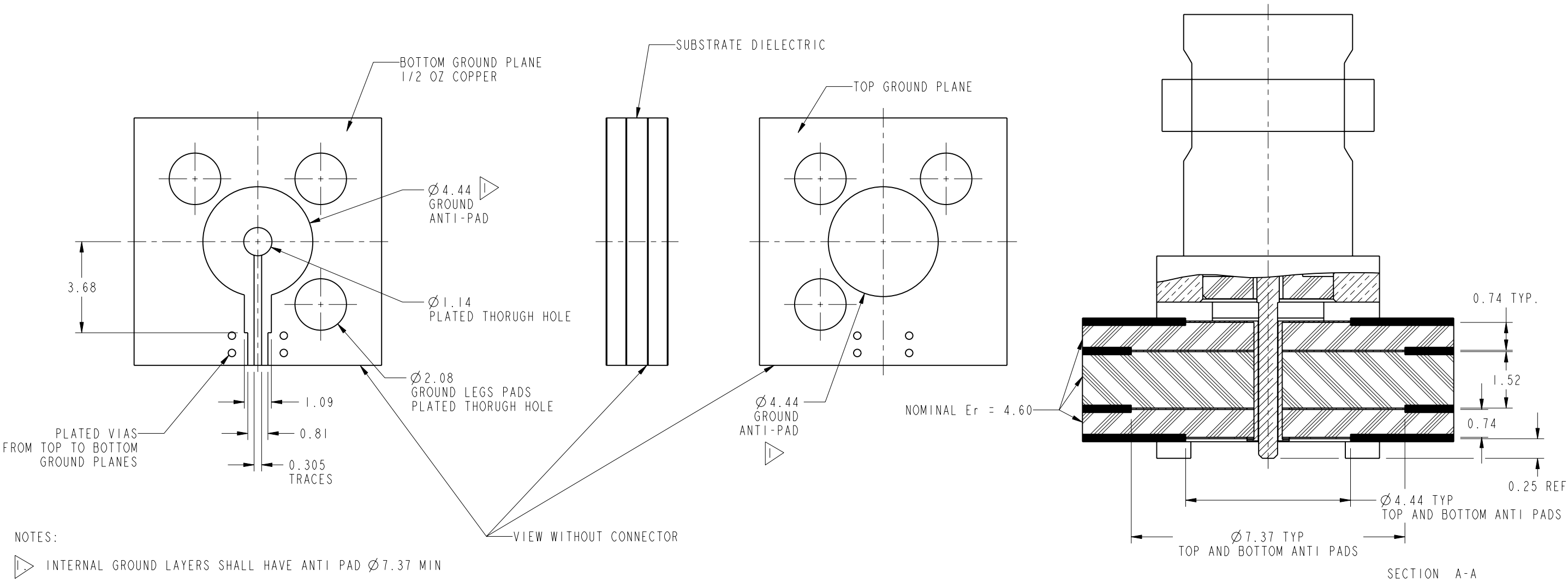
THIRD ANGLE PROJ.

REVISIONS

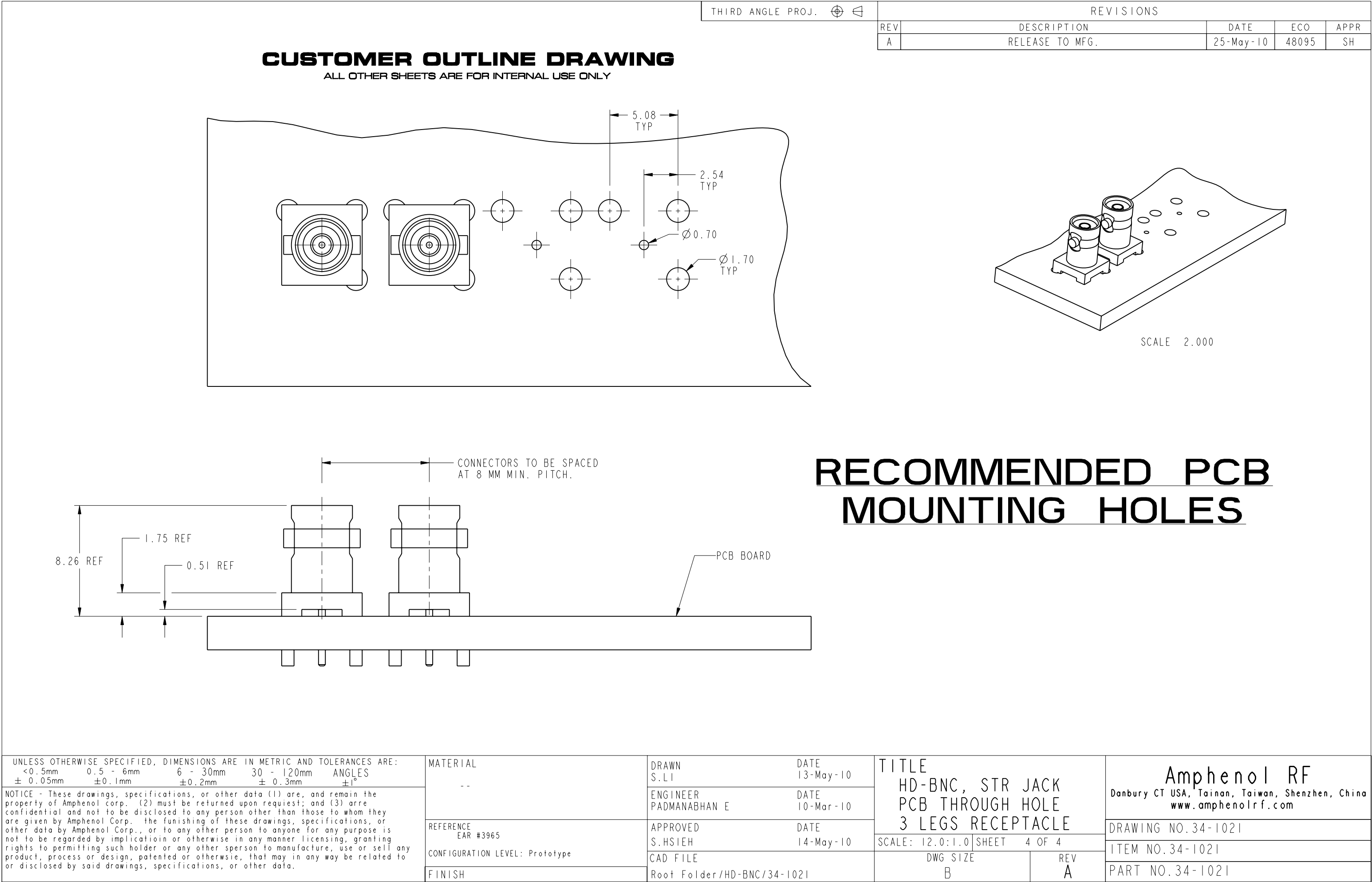
REV	DESCRIPTION	DATE	ECO	APPR
A	RELEASE TO MFG.	25-May-10	48095	SH

RECOMMENDED PCB LAUNCH FOR OPTIMAL RF PERFORMANCE

VARIATIONS IN BOARD SUBSTRATE AND TRACE MAY REQUIRE DIFFERENT GEOMETRY



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° 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.	MATERIAL	DRAWN	DATE	TITLE		Amphenol RF Danbury CT USA, Tainan, Taiwan, Shenzhen, China www.amphenolrf.com	
	--	S.LI	13-May-10				
		ENGINEER	DATE				
		PADMANABHAN E	10-Mar-10	HD-BNC, STR JACK PCB THROUGH HOLE 3 LEGS RECEPTACLE		DRAWING NO.34-1021	
	REFERENCE	APPROVED	DATE				
EAR #3965	S.HSIEH	14-May-10	SCALE: 1.0:1.0	SHEET	3 OF 4	ITEM NO.34-1021	
CONFIGURATION LEVEL: Prototype	CAD FILE	DWG SIZE		REV		PART NO.34-1021	
FINISH	Root Folder/HD-BNC/34-1021	B		A			

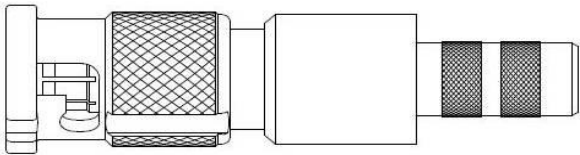


ASSEMBLY INSTRUCTIONS

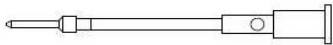
AmphenolIRF

HD - BNC
CRIMP PLUGS

REV - 1



PLUG BODY ASSEMBLY



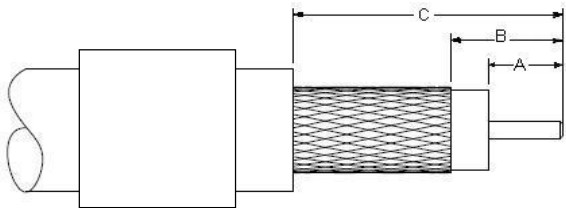
MALE CONTACT



OUTER FERRULE

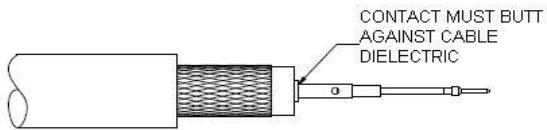
AMPHENOL NUMBER	CABLE	HEX CRIMP DATA			STRIPPING DIMENSIONS, INCHES (MM)		
		CAVITY FOR CONTACT	CAVITY FOR OUTER FERRULE	CTL SERIES TOOL NUMBER	A	B	C
34-1026	1855A, T8550A	0.042 (1.1)□	0.178 (4.6)◇	CTL-15	0.156 (3.96)	0.233 (5.92)	0.562 (14.27)
34-1037	1855ENH, 0.6/2.8	0.042 (1.1)□	0.197 (5.0)◇	-	0.156 (3.96)	0.250 (6.35)	0.594 (15.09)
34-1037-100	1855ENH, IMAGE 360, 1.0/4.8	0.042 (1.1)□	0.197 (5.0)◇	-	0.156 (3.96)	0.250 (6.35)	0.594 (15.09)
34-1033	TFC HD 210	0.042 (1.1)□	0.213 (5.4)◇	-	0.156 (3.96)	0.233 (5.92)	0.562 (14.27)
34-1027	1695A	0.042 (1.1)□	0.255 (6.5)◇	CTL-14	0.156 (3.96)	0.235 (5.97)	0.564 (14.33)
34-1025	1505A, T5050A, IMAGE 720, 0.8/3.7	0.042 (1.1)□	0.255 (6.5)◇	CTL-14	0.156 (3.96)	0.235 (5.97)	0.564 (14.33)
34-1017-300	1694A, T6940A, IMAGE 1000	0.042 (1.1)□	0.278 (7.1)◇	-	0.156 (3.96)	0.235 (5.97)	0.564 (14.33)

STEP 1



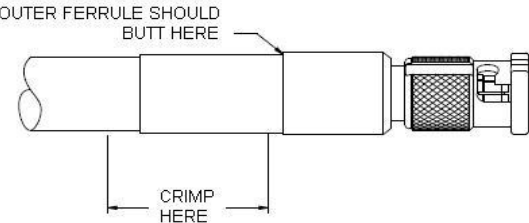
Step 1 - Strip cable jacket, braid, and dielectric to dimensions in table above. All cuts are to be sharp and square. Important : Do not nick braid dielectric and center conductor. Slide outer ferrule onto cable as shown.

STEP 2



Step 2 - Flare slightly end of cable braid to facilitate insertion of inner ferrule. Place contact on cable center conductor so that it butts against cable dielectric. Crimp contact in place using die set cavity indicated in table above.

STEP 3



Step 3 - Install cable assembly into body assembly so that inner ferrule portion slides under braid. Push cable assembly forward until contact snaps into place in insulator. Slide outer ferrule over braid and up against connector body. Crimp outer ferrule using die set cavity specified in table above.

Use tool 227-T2000 (1 ft long) or 227-T2000-2FT (2 ft long) for installation and removal of the HD-BNC plug.