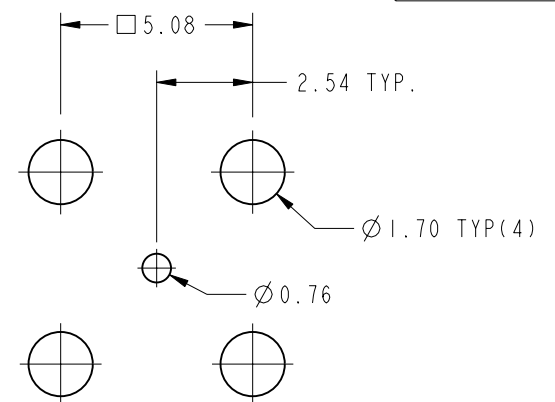


NOTES:

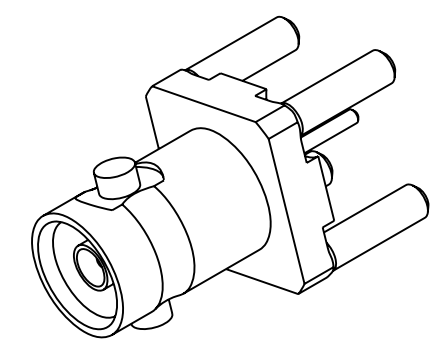
1. MATERIALS AND FINISHES:
 BODY - BRASS, GOLD PLATING.
 CONTACT - BeCu, GOLD PLATING.
 INSULATOR - PTFE
2. ELECTRICAL:
 A. IMPEDANCE: 75 OHM
 B. FREQUENCY RANGE: DC -4.5 GHz
 C. DIELECTRIC WITHSTANDING VOLTAGE: 1000 VRMS, MIN.
 D. INSULATION RESISTANCE: 10,000 MEGOHMS MIN
 E. VOLTAGE RATING: 335 VRMS
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:
 "AMPHENOLRF, 34-1024 DATE CODE"

THIRD ANGLE PROJ.

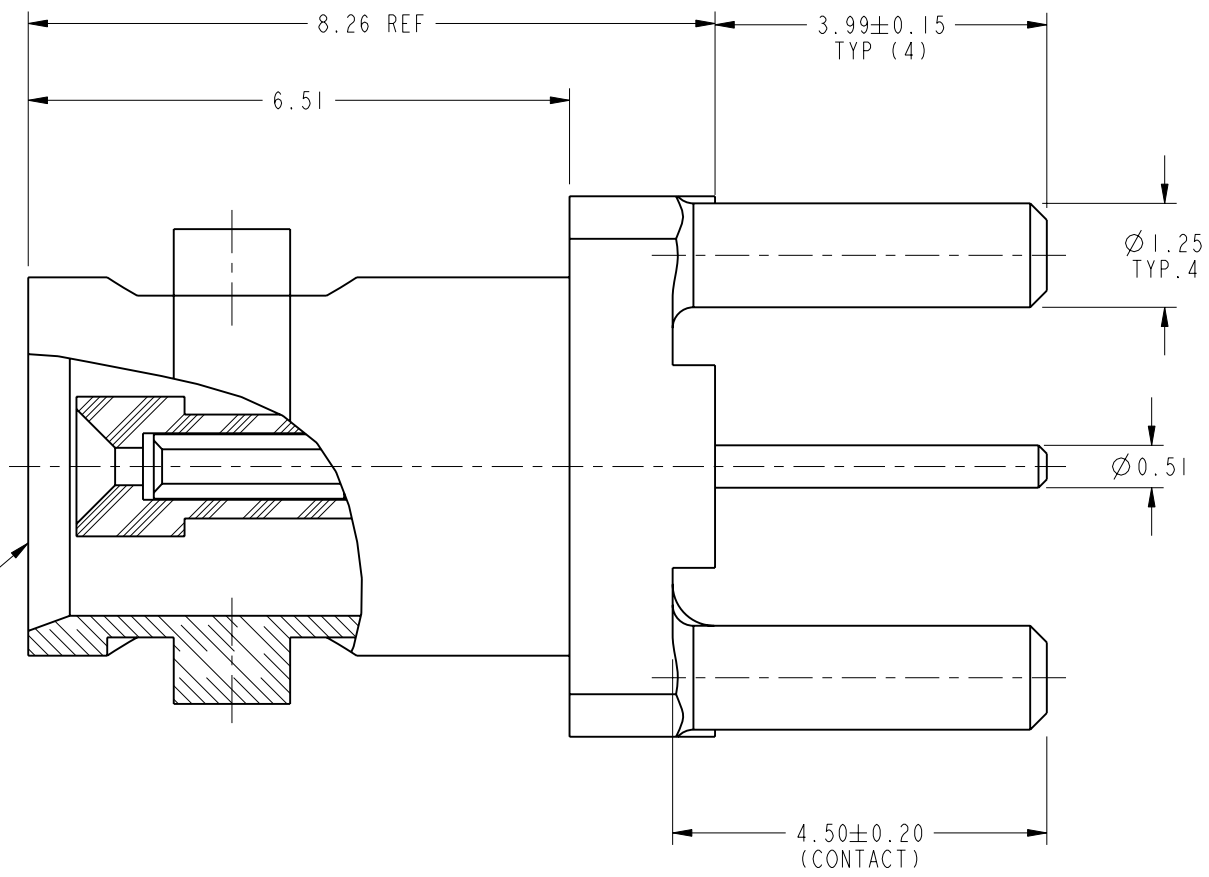
REV		DESCRIPTION	DATE	ECO	APPR
A		RELEASE TO MFG.	14-Oct-10	48165	PNE



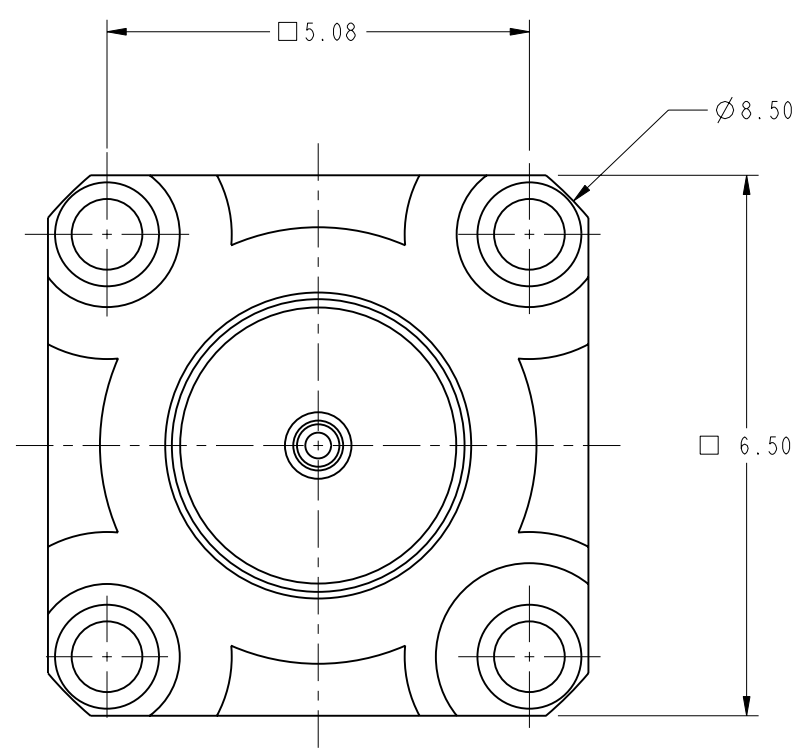
SCALE 5.000
RECOMMENDED PCB MOUNTING
HOLES DIMENSIONS



SCALE 4.000



INTERFACE PER
 349-50820
 SERIES : HD-BNC JACK



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° 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 finishing 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	DRAWN	DATE	TITLE HD-BNC STR JACK PCB THROUGH HOLE 4 LEGS RECEPTACLE		Amphenol RF Danbury CT USA, Tainan, Taiwan, Shenzhen, China www.amphenolrf.com	
	SEE NOTES	S.LI	14-Oct-10				
	REFERENCE	APPROVED	DATE	SCALE: 11.0:1.0 SHEET 2 OF 4		DRAWING NO. 34-1024	
	EAR #3965	S.HSIEH	15-Oct-10	DWG SIZE		REV	ITEM NO. 34-1024
CONFIGURATION LEVEL: =%%Z0HXIBIGC%=	FINISH	CAD FILE	B		A	PART NO. 34-1024	
		Root Folder/HD-BNC/34-1024					

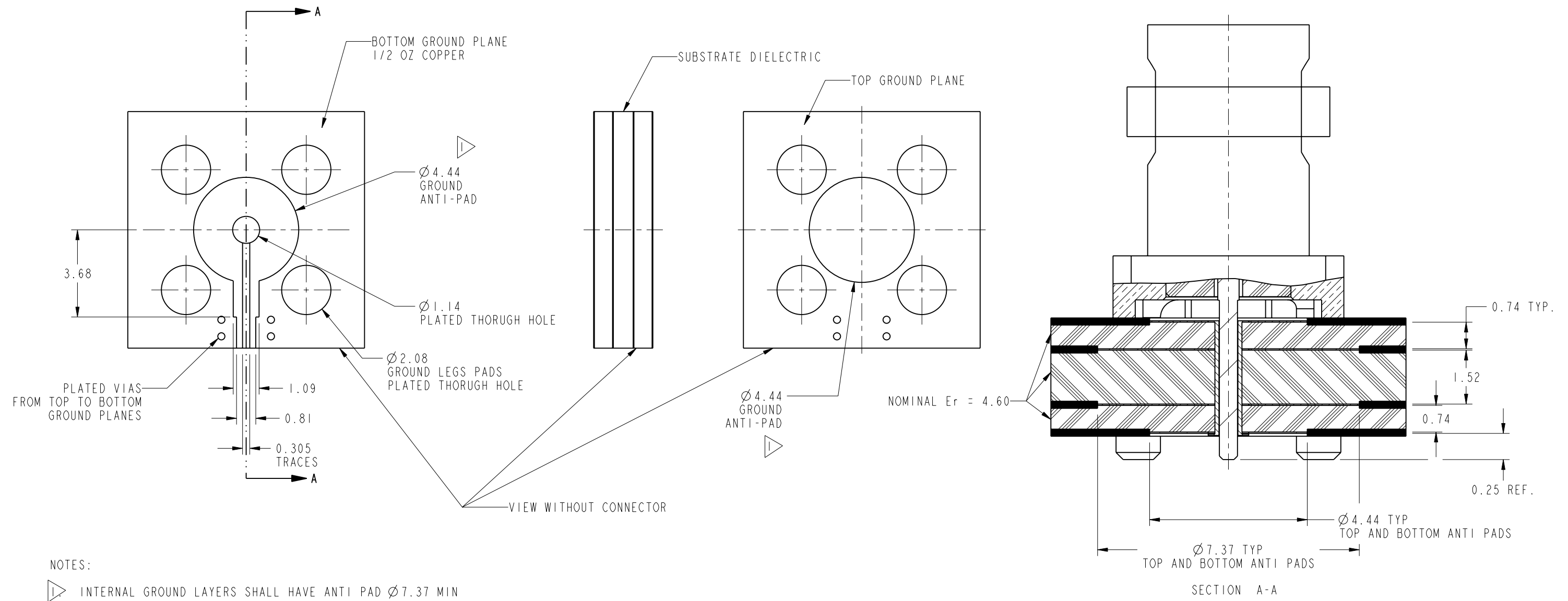
THIRD ANGLE PROJ.

REVISIONS

REV	DESCRIPTION	DATE	ECO	APPR
A	RELEASE TO MFG.	14-Oct-10	48165	PNE

RECOMMENDED PCB LAUNCH FOR OPTIMAL RF PERFORMANCE

VARIATIONS IN BOARD SUBSTRATE AND TRACE MAY REQUIRE DIFFERENT GEOMETRY



NOTES:
 INTERNAL GROUND LAYERS SHALL HAVE ANTI PAD Ø 7.37 MIN

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 S.LI	DATE 14-Oct-10	TITLE HD-BNC, STR JACK PCB THROUGH HOLE 4 LEGS RECEPTACLE	Amphenol RF Danbury CT USA, Tainan, Taiwan, Shenzhen, China www.amphenolrf.com
	REFERENCE EAR #3965	ENGINEER PADMANABHAN E	DATE 22-Jun-10		
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: =%%Z0HXIBIGC%=	APPROVED S.HSIEH	DATE 15-Oct-10	SCALE: 1.0:1.0 SHEET 3 OF 4	ITEM NO. 34-1024
	FINISH	Root Folder/HD-BNC/34-1024	DWG SIZE B	REV A	PART NO. 34-1024

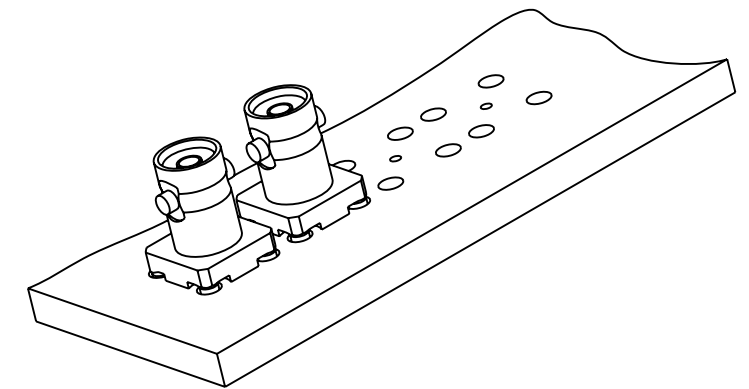
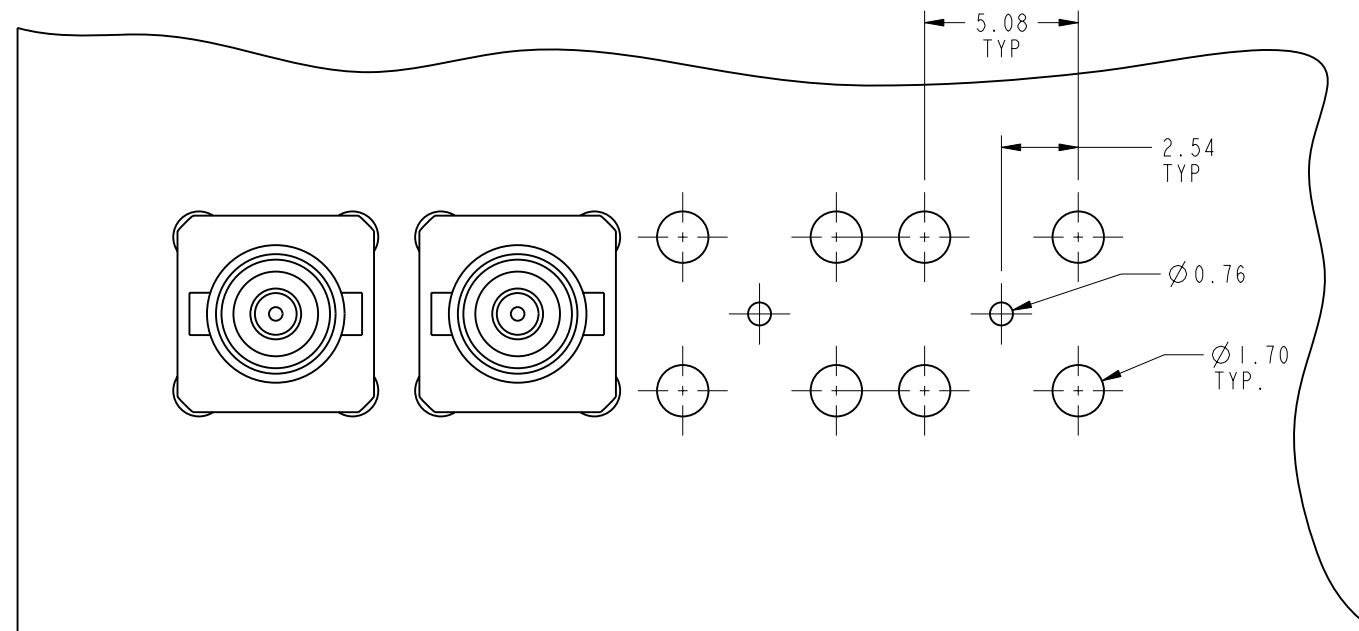
THIRD ANGLE PROJ.

REVISIONS

REV	DESCRIPTION	DATE	ECO	APPR
A	RELEASE TO MFG.	14-Oct-10	48165	PNE

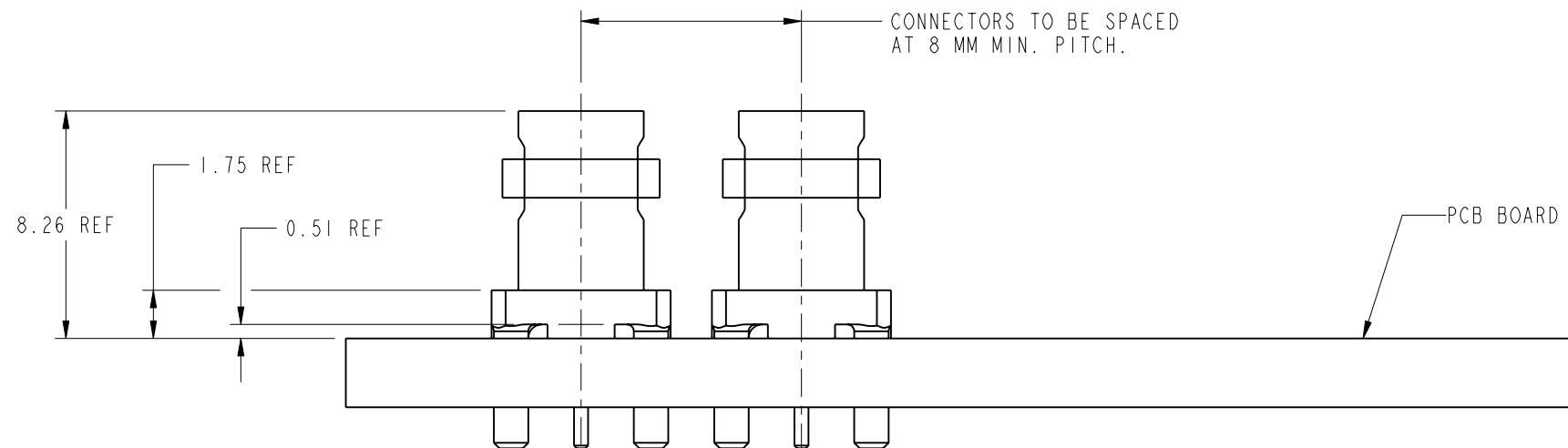
CUSTOMER OUTLINE DRAWING

ALL OTHER SHEETS ARE FOR INTERNAL USE ONLY



SCALE 2.000

RECOMMENDED PCB MOUNTING HOLES



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°

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.

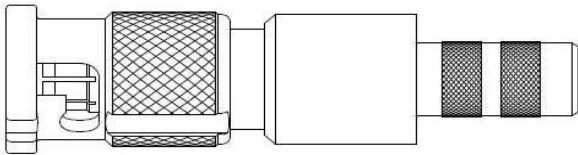
MATERIAL --	DRAWN S.LI	DATE 14-Oct-10	TITLE HD-BNC, STR JACK PCB THROUGH HOLE 4 LEGS RECEPTACLE	Amphenol RF Danbury CT USA, Tainan, Taiwan, Shenzhen, China www.amphenolrf.com
REFERENCE EAR #3965	ENGINEER PADMANABHAN E	DATE 22-Jun-10		
CONFIGURATION LEVEL: =%%Z0HXIBIGC%=	APPROVED S.HSIEH	DATE 15-Oct-10	SCALE: 12.0:1.0 SHEET 4 OF 4	DRAWING NO.34-1024
FINISH	Root Folder/HD-BNC/34-1024	DWG SIZE B	REV A	ITEM NO.34-1024 PART NO.34-1024

ASSEMBLY INSTRUCTIONS

AmphenolRF

HD - BNC CRIMP PLUGS

REV - 1



PLUG BODY ASSEMBLY



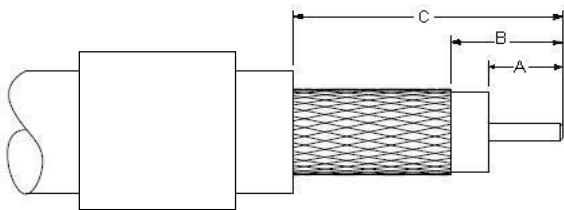
MALE CONTACT



OUTER FERRULE

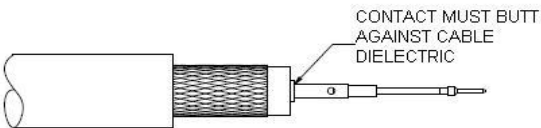
AMPHENOL NUMBER	CABLE	HEX CRIMP DATA			STRIPPING DIMENSIONS, INCHES (MM)		
		CAVITY FOR CONTACT	CAVITY FOR OUTER FERRULE	CTL SERIES TOOL NUMBER	A	B	C
34-1026	1855A, T8550A	0.042 (1.1) □	0.178 (4.6) ◊	CTL-15	0.156 (3.96)	0.233 (5.92)	0.562 (14.27)
34-1037	1855ENH, 0.6/2.8	0.042 (1.1) □	0.197 (5.0) ◊	-	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



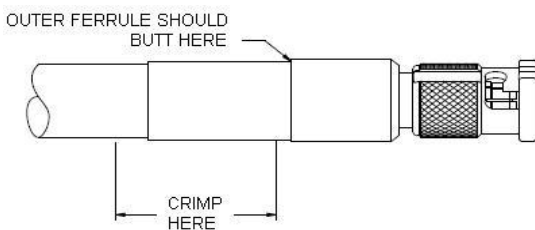
Step 1 - Strip cable jacket, braid, and dielectric to dimensions in table above. All cuts are to be sharp and square. Important : Do not nick braid dielectric and center conductor. Slide outer ferrule onto cable as shown.

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.