

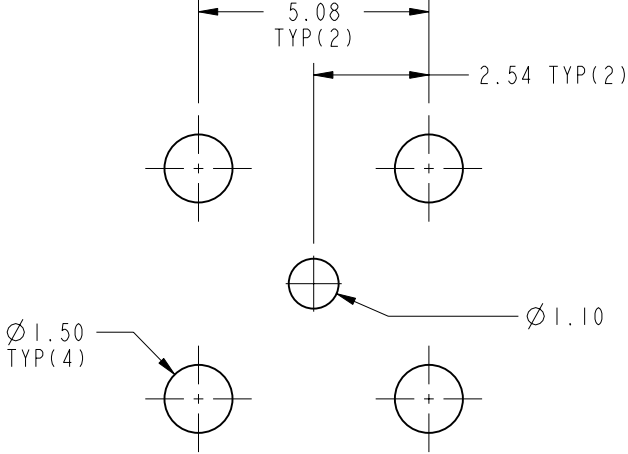
NOTES:

1. MATERIALS AND FINISHES:
BODY - BRASS, GOLD PLATING.
CONTACT - BeCu, GOLD PLATING.
INSULATOR - PTFE
2. ELECTRICAL:
A. IMPEDANCE: 75 OHM
B. FREQUENCY RANGE: DC - 3 GHz
C. RETURN LOSS: 30 dB MIN.
D. DIELECTRIC WITHSTANDING VOLTAGE: 1000 VRMS, MIN.
E. INSULATION RESISTANCE: 10,000 MEGOHMS MIN
F. 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, 34-1040 DATE CODE"

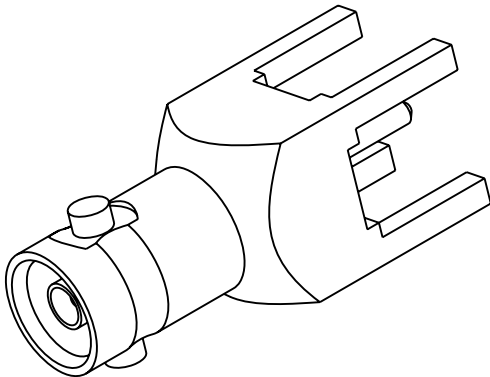
THIRD ANGLE PROJ.

REVISIONS

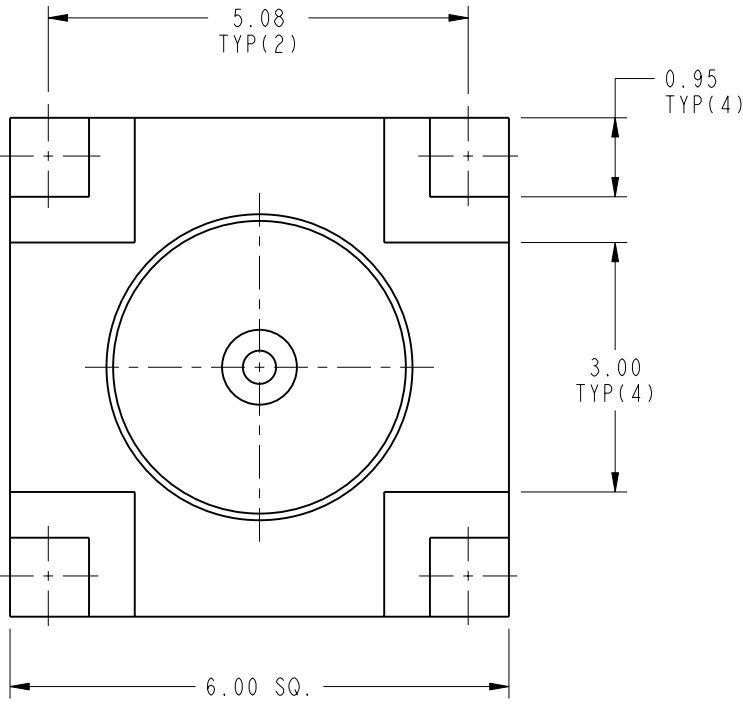
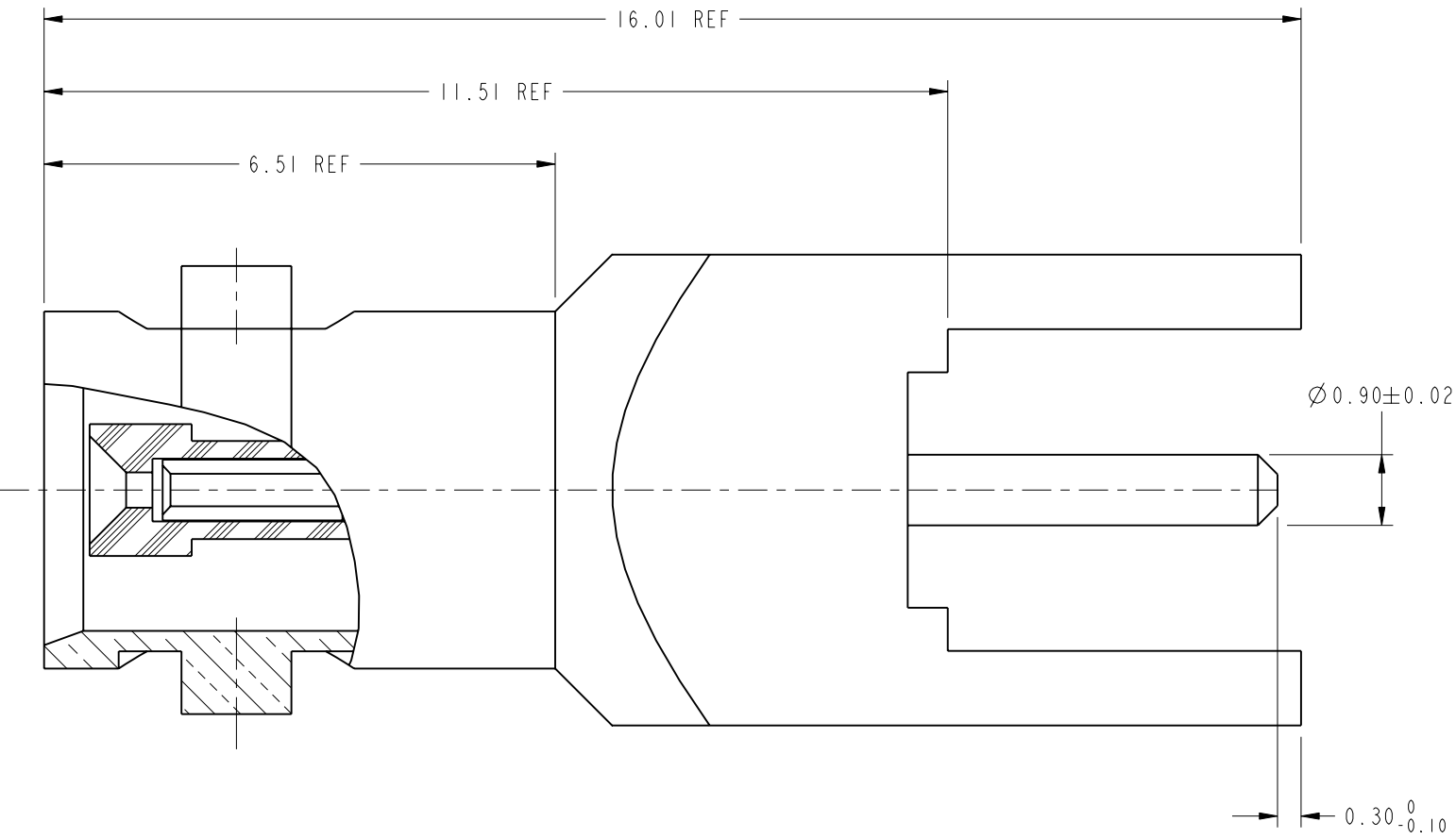
REV	DESCRIPTION	DATE	ECO	APPR
A	RELEASE TO MFG.	22-Feb-11	48466	FW



RECOMMENDED PCB MOUNTING HOLES DIMENSIONS



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 ± 0.05mm 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 implicatioin 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 otherwsie, that may in any way be related to or disclosed by said drawings, specifications, or other data.

MATERIAL
SEE NOTES

REFERENCE
EAR #4381

CONFIGURATION LEVEL: ☐ ☐ ☐

FINISH

DRAWN
CLEMENT

ENGINEER
CLEMENT

APPROVED
S.HSIEH

CAD FILE

Root Folder:/34-1040

DATE
22-Feb-11

DATE
03-Nov-10

DATE
24-Feb-11

TITLE
HD-BNC, STR JACK
PCB THROUGH HOLE
4 LEGS RECEPTACLE

SCALE: 6.0:1.0 SHEET 2 OF 2

DWG SIZE
B

REV
A

Amphenol RF

www.amphenolrf.com

DRAWING NO.34-1040

ITEM NO.34-1040

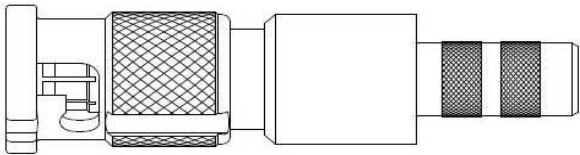
PART NO.34-1040

ASSEMBLY INSTRUCTIONS

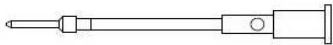
AmphenolIRF

HD - BNC
CRIMP PLUGS

REV - 1



PLUG BODY ASSEMBLY



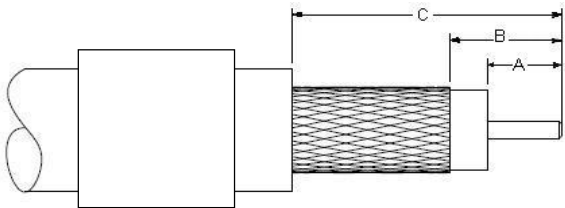
MALE CONTACT



OUTER FERRULE

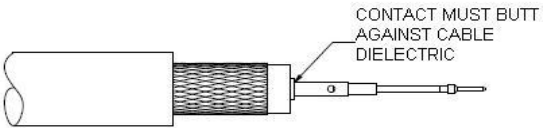
AMPHENOL NUMBER	CABLE	HEX CRIMP DATA			STRIPPING DIMENSIONS, INCHES (MM)		
		CAVITY FOR CONTACT	CAVITY FOR OUTER FERRULE	CTL SERIES TOOL NUMBER	A	B	C
34-1026	1855A, T8550A	0.042 (1.1)□	0.178 (4.6)◇	CTL-15	0.156 (3.96)	0.233 (5.92)	0.562 (14.27)
34-1037	1855ENH, 0.6/2.8	0.042 (1.1)□	0.197 (5.0)◇	-	0.156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



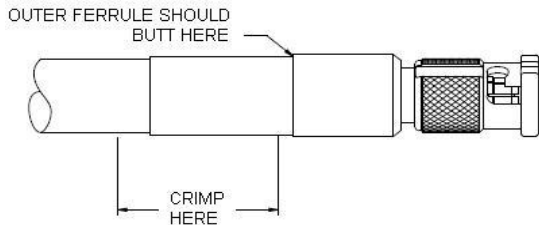
Step 1 - Strip cable jacket, braid, and dielectric to dimensions in table above. All cuts are to be sharp and square. Important : Do not nick braid dielectric and center conductor. Slide outer ferrule onto cable as shown.

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.