NOTES:

1. MATERIALS AND FINISHES:
   BODY - BRASS, NICKEL PLATING
   CONTACT - BeCu, GOLD PLATING
   OUTER CONTACT - BeCu, NICKEL PLATING
   INSULATOR - PTFE
   BAYONET - BRASS, NICKEL PLATING

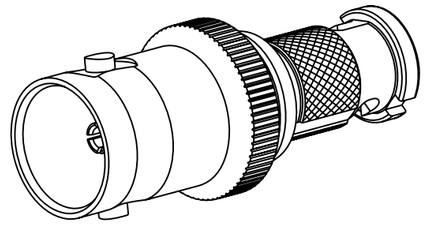
2. ELECTRICAL:
   A. IMPEDANCE: 75 OHM
   B. FREQUENCY RANGE: DC - 3 GHz
   C. RETURN LOSS: -25 dB MIN.

3. MECHANICAL:
   A. DURABILITY: 500 CYCLES MIN.
   B. TEMPERATURE RANGE: -65° C TO +165° C

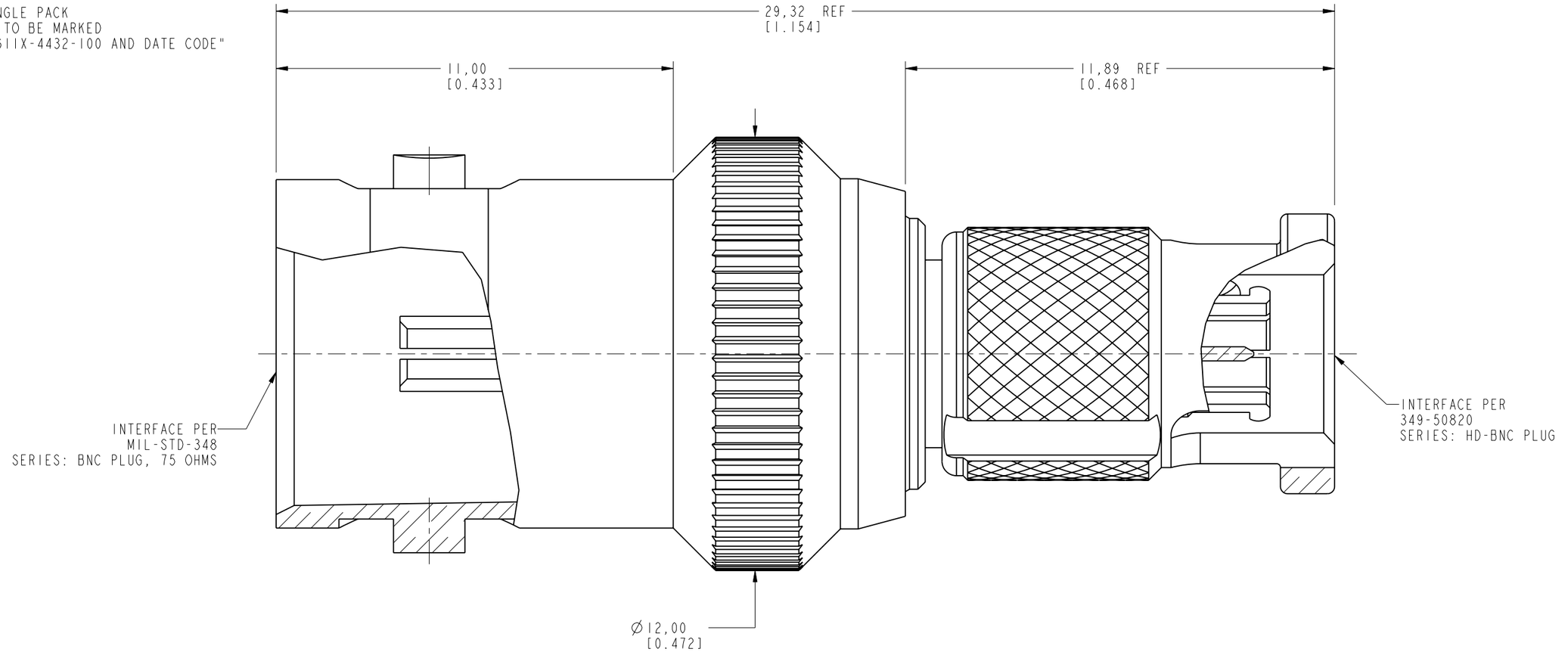
4. PACKAGING:
   A. QUANTITY: SINGLE PACK
   B. MARKING: BAG TO BE MARKED
      "AMPHENOLRF, 611X-4432-100 AND DATE CODE"

THIRD ANGLE PROJ.

REVISIONS				
REV	DESCRIPTION	DATE	ECO	APPR
A	RELEASE TO MFG	18-Oct-10	48168	KR



SCALE 2.500



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°

MATERIAL
SEE NOTES

REFERENCE
EAR #3970

CONFIGURATION LEVEL: =%%%Z0HX1B1GC%=

FINISH

DRAWN	S.LI	DATE 18-Oct-10
ENGINEER	PADMANABHAN E	DATE 24-Feb-10
APPROVED	S.HSIEH	DATE 18-Oct-10
CAD FILE	Root Folder/BNC/APH-BNCJ-HDBNCP	

TITLE
HD BNC PLUG TO
BNC JACK 75 OHM
ADAPTER

SCALE: 8.0:1.0 | SHEET 2 OF 2

DWG SIZE	REV
B	A

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

DRAWING NO. APH-BNCJ-HDBNCP
ITEM NO. APH-BNCJ-HDBNCP
PART NO. APH-BNCJ-HDBNCP

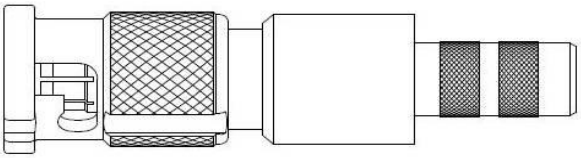
ASSEMBLY INSTRUCTIONS

AmphenolRF

HD - BNC

REV - 1

CRIMP PLUGS



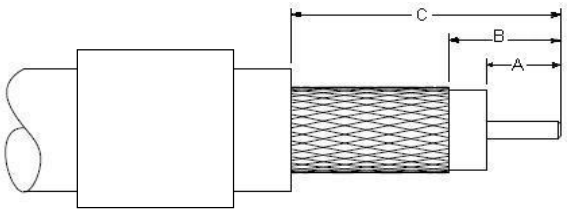
PLUG BODY ASSEMBLY

MALE CONTACT

OUTER FERRULE

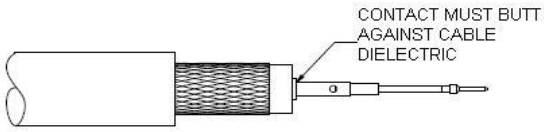
AMPHENOL NUMBER	CABLE	HEX CRIMP DATA			STRIPPING DIMENSIONS, INCHES (MM)		
		CAVITY FOR CONTACT	CAVITY FOR OUTER FERRULE	CTL SERIES TOOL NUMBER	A	B	C
34-1026	1855A, T8550A	0.042 (1.1)□	0.178 (4.6)⬡	CTL-15	0.156 (3.96)	0.233 (5.92)	0.562 (14.27)
34-1037	1855ENH, 0.6/2.8	0.042 (1.1)□	0.197 (5.0)⬡	-	0.156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



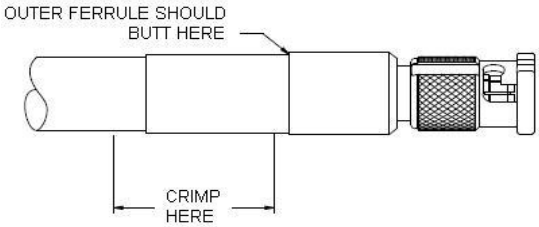
Step 1 - Strip cable jacket, braid, and dielectric to dimensions in table above. All cuts are to be sharp and square.Important : Do not nick braid dielectric and center conductor. Slide outer ferrule onto cable as shown.

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.