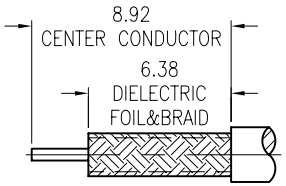
NOTES:

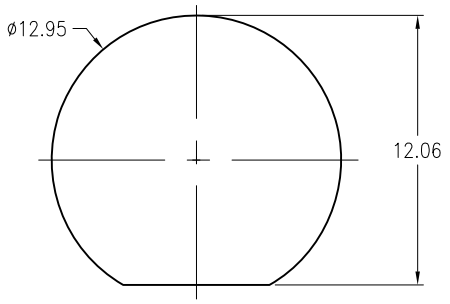
1. MATERIALS AND FINISHES
   BODIES – BRASS, NICKEL PLATING
   FEMALE CONTACT – PHOSPHOR BRONZE, GOLD PLATING
   MALE CONTACT – BRASS, GOLD PLATING
   CRIMP FERRULE – BRASS, NICKEL PLATING
   INSULATOR – PTFE
   O–RING & GASKET – SILICONE
2. ELECTRICAL:
   A. FREQUENCY RANGE: DC 0–3 GHz
   B. VSWR(RETURN LOSS): 1.25 (–19.1 dB), MAX.
3. MECHANICAL:
   WATER PROTECTION IN UNMATED CONDITION PET IEC 529,IP67
   CONTINUOUS OPERATING TEMPERATURE: –40°C TO + 85°C
4. INTERFACE MEETS THE REQUIREMENTS OF MIL–STD–348.
   TNC SERIES, STANDARD POLARITY
5. CABLE ASSEMBLY INSTRUCTIONS:
   TRIM CABLE AS SHOWN
   SLIDE CRIMP FERRULE ONTO CABLE
   CRIMP OR SOLDER BULLET CONTACT TO CABLE CENTER CONDUCTOR
   INSERT CABLE WITH BULLET CONTACT INTO REAR FERRULE BODY
   SLIDING FOIL INTO THE BODY AND THE BRAID OVER THE BODY
   CRIMP FERRULE USING A .178 HEX DIE

THIRD ANGLE PROJ.

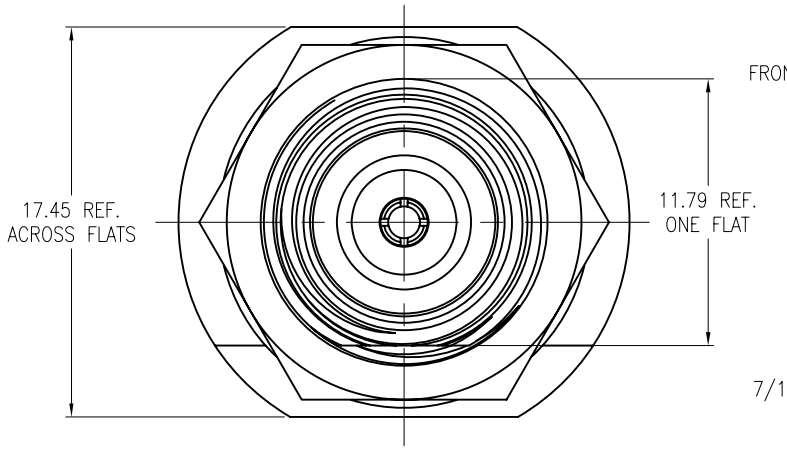
REVISIONS				
REV	DESCRIPTION	DATE	ECO	APPR
A	RELEASE TO MFG.	22–Jun–06		
A2	SEE SHEET 1	17–Sep–08		SH
E	SEE SHEET 1	27–Oct–09	47847	SH

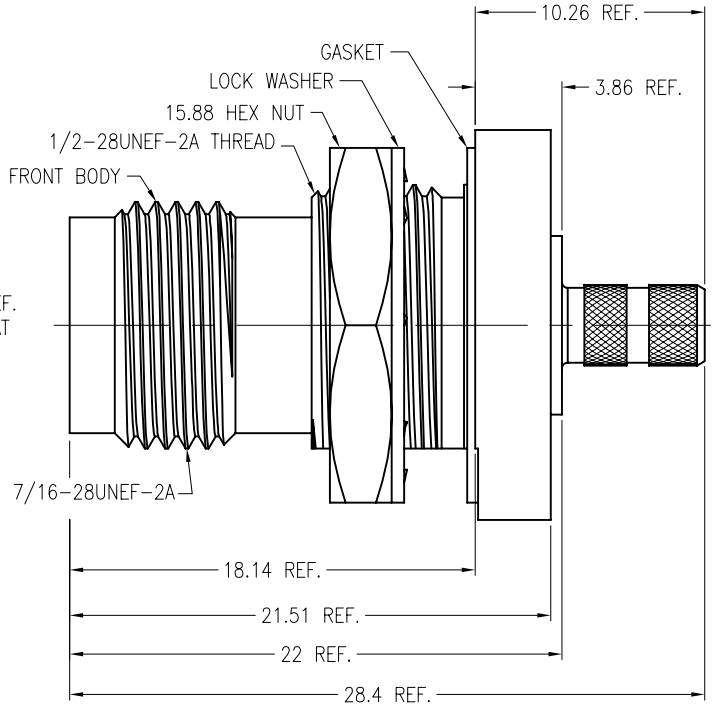


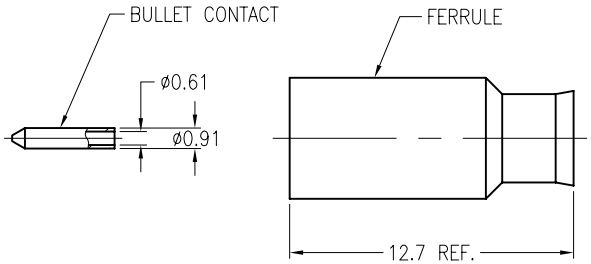
RECOMMENDED
CABLE STRIPPING DIM'S



RECOMMENDED
MOUNTING HOLE







CUSTOMER OUTLINE DRAWING

ALL OTHER SHEETS ARE FOR INTERNAL USE ONLY

UNLESS OTHERWISE SPECIFIED, DIMENSIONS ARE IN METRIC AND TOLERANCES ARE:

0.5 – 6mm	6 – 30mm	30 – 120mm	ANGLES
±0.1mm	±0.2mm	± 0.3mm	±1°

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MATERIAL

REFERENCE
EAR 954
611X–4124–100
GEN#ASSYF37_TNC

FINISH

DRAWN	S.HE	DATE 21–Oct–09
ENGINEER	MIKE HOYACK	DATE 08–Aug–02
APPROVED	S.HSIEH	DATE 21–Oct–09
CAD FILE	F:\DWG\CNPD\31\6111–ESZ	

TITLE
TNC JACK, SEALED BULKHEAD (FOR RG–174 AND RG316 CABLE)

SCALE: 3/1	SHEET 2 OF 2	
DWG SIZE	CODE ID	REV
B	74868	E

Amphenol RF
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www.amphenolrf.com

DRAWING NO. 31–6111
ITEM NO. 31–6111
PART NO. 31–6111