

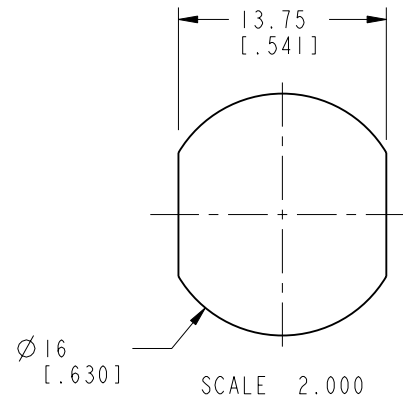
NOTES:

1. MATERIALS AND FINISHES:
 BODY, BUSHING BODY, HEX. NUT - BRASS, NICKEL PLATING (0.000100" THICK MIN)
 CONTACT - BERYLLIUM COPPER, GOLD PLATING (0.000004" THICK MIN)
 CONTACT PIN - BRASS, GOLD PLATING (0.000030" THICK MIN)
 FERRULE - BRASS, NICKEL PLATING (0.000100" THICK MIN)
 LOCKWASHER - PHOSPHOR BRONZE, SILVER PLATING (0.000200" THICK MIN)
 INSULATOR - PTFE, NATURAL
 GASKET - SILICONE RUBBER, BLACK
2. ELECTRICAL:
 A. IMPEDANCE: 50 OHM
 B. FREQUENCY RANGE: DC - 2.5 GHz
 C. VSWR: 1.15 MAX.
 D. DIELECTRIC WITHSTANDING VOLTAGE: 1500 VRMS, MIN.
3. MECHANICAL:
 A. CONNECTOR IS IP-67 COMPLIANT.
 B. DURABILITY: 500 CYCLES MIN.
 C. TEMPERATURE RANGE: -65° C TO 165° C
 D. THERE SHALL BE NO EVIDENCE OF AIR BUBBLES WHEN A 17 P.S.I. FORCE IS APPLIED TO MATING END WHILE WHOLE CONNECTOR IS IMMERSSED IN WATER.
4. PACKAGING:
 A. QUANTITY: SINGLE PACK
 B. MARKING: BAG TO BE MARKED
 "AMPHENOL, 82-6575, AND DATE CODE"
5. CABLE ASSEMBLY INSTRUCTIONS:
 A. TRIM CABLE AS SHOWN.
 B. SLIDE FERRULE & NUT-HEX ONTO CABLE
 C. CRIMP FERRULE USING .128" HEX. DIE.
 D. SLIDE THE INSULATOR DISC OVER THE CABLE CENTER CONDUCTOR.
 E. CRIMP OR SOLDER CONTACT PIN TO CABLE CENTER CONDUCTOR,
 FLARE CABLE BRAID, INSERT BODY-REAR, BRAID OVER BODY-REAR
 INSERT CABLE WITH CONTACT PIN, BODY-REAR INTO BODY
 F. APPLY THREAD LOCKING ADHESIVE ON THE THREADS OF THE NUT-HEX.
 G. TORQUE NUT-HEX DOWN TO 15 IN LB
 SHOWS CABLE ENTRY DIMENSIONS.

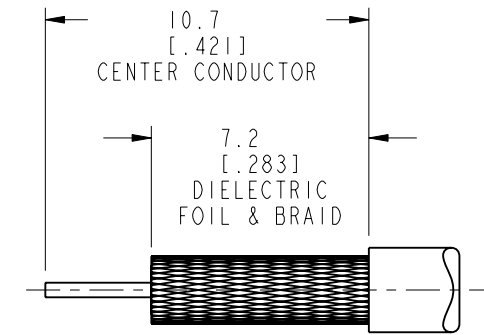
THIRD ANGLE PROJ.

REVISIONS

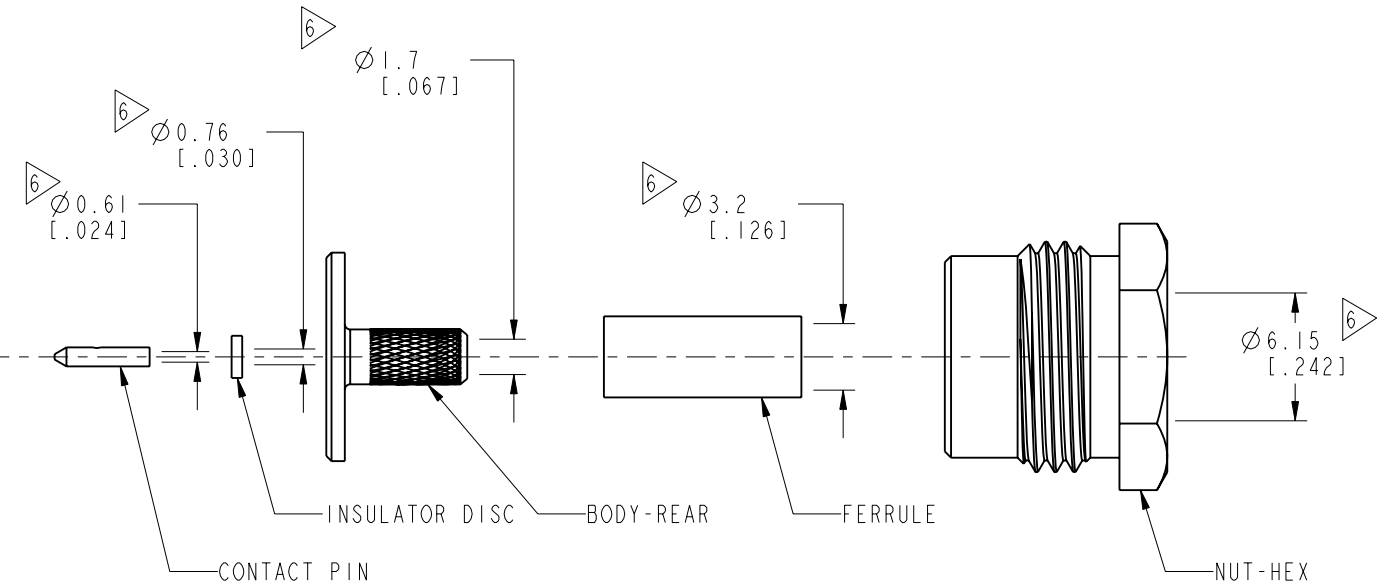
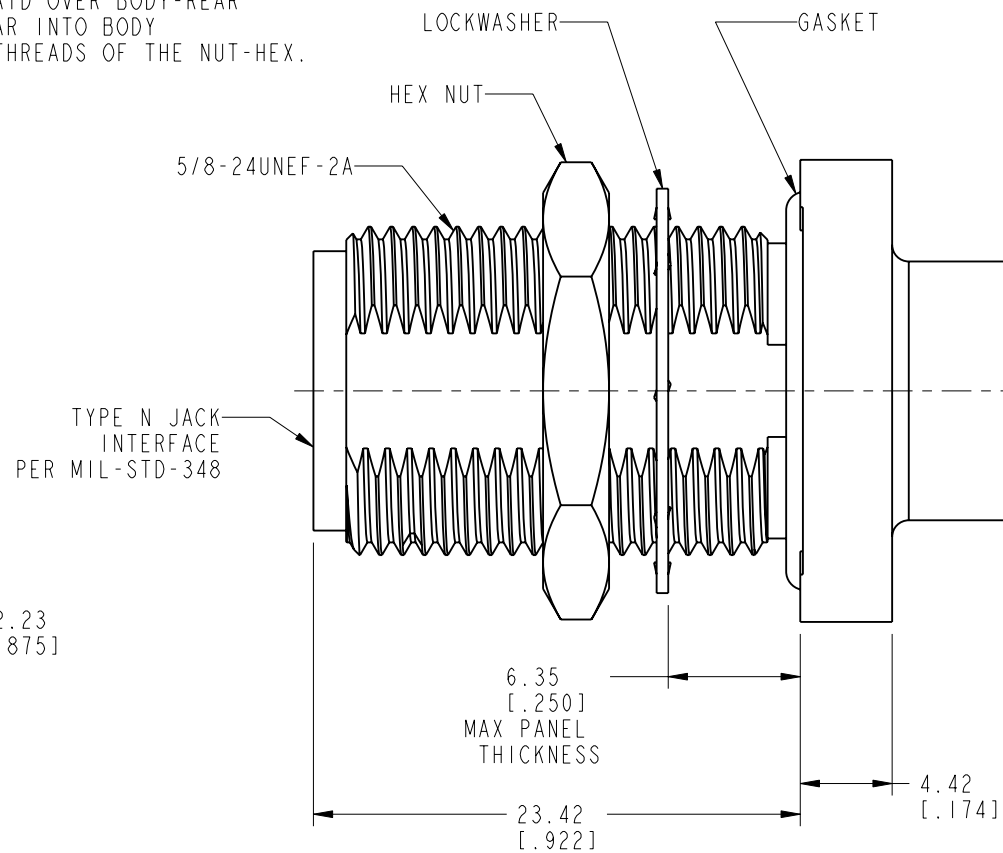
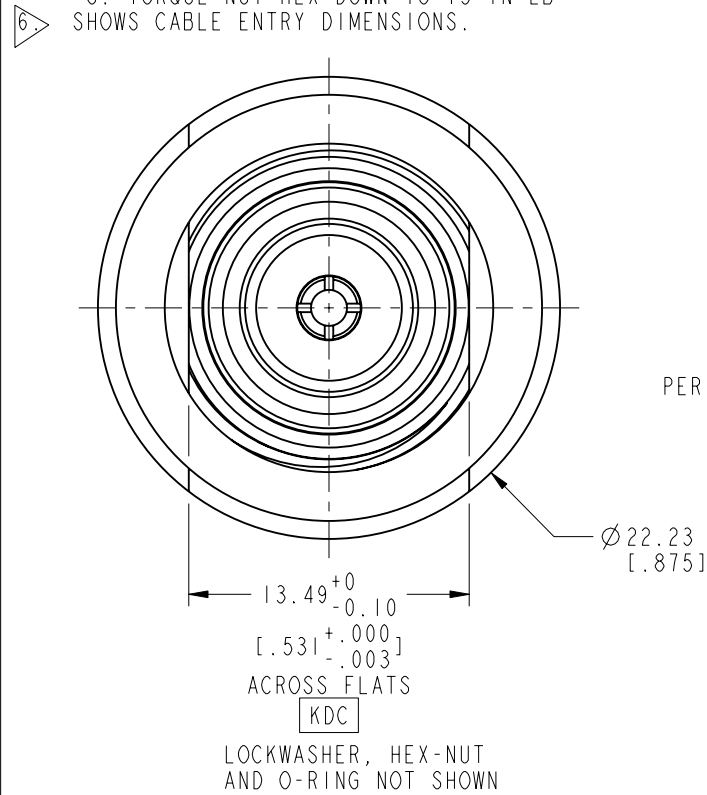
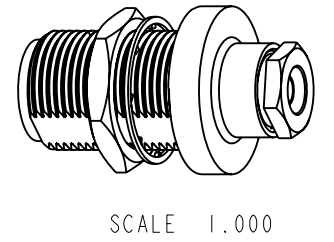
REV	DESCRIPTION	DATE	ECO	APPR
A	RELEASE TO MFG	05-Aug-13	49671	J.C



RECOMMENDED MOUTING HOLE DIMENSIONS



RECOMMENDED CABLE STRIPPING DIMENSIONS



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°

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MATERIAL	DRAWN J.CHEN	DATE 05-Aug-13	TITLE ASSEMBLY, N, IP-67 JACK, RG-316		Amphenol RF Danbury CT USA, Tainan, Taiwan, Shenzhen, China www.amphenolrf.com
REFERENCE EAR #3151 AND 82-6386	ENGINEER D.DAVE	DATE 10-Apr-13	SCALE: 2.8:1.0 SHEET 2 OF 2		
CONFIGURATION LEVEL: <input type="checkbox"/> <input type="checkbox"/> <input type="checkbox"/>	APPROVED S.HSIEH	DATE 06-Aug-13	DWG SIZE B	REV A	DRAWING NO.82-6575
FINISH					ITEM NO.82-6575
					PART NO.82-6575