

NOTES:

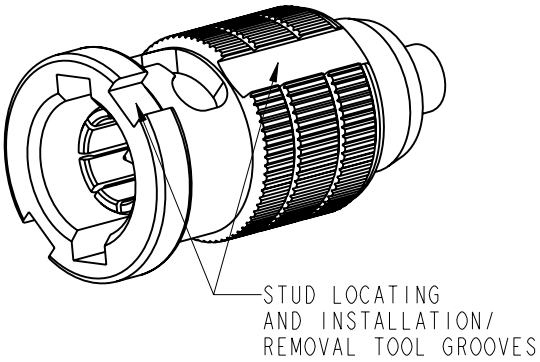
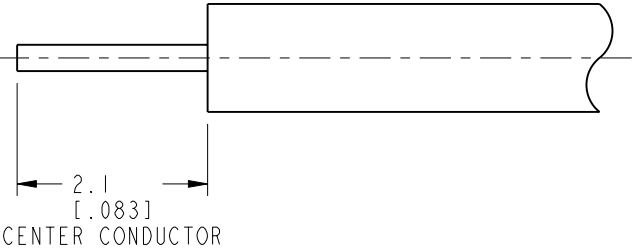
1. MATERIALS AND FINISHES:  
BODY - BRASS, GOLD PLATING  
BAYONET SLEEVE - BRASS, NICKEL PLATING  
OUTER CONTACT - BeCu, NICKEL PLATING  
CONTACT - PHOSPHOR BRONZE, GOLD PLATING  
INSULATOR - PTFE
2. ELECTRICAL:  
A. IMPEDANCE: 50 OHM  
B. FREQUENCY RANGE: DC - 6 GHz  
C. RETURN LOSS : 30 dB MIN.@ 6 GHz  
D. DIELECTRIC WITHSTANDING VOLTAGE: 500 VRMS, MIN.  
E. INSULATION RESISTANCE: 10,000 MΩ MIN
3. MECHANICAL:  
A. DURABILITY: 500 CYCLES MIN.  
B. TEMPERATURE RANGE: -65° C TO +165° C
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: MARK BAG OR TAG:  
"AMPHENOL RF, 34-5027 DATE CODE  
U.S. PATENT NO. 7,553,177"
6. HIGH DENSITY INSTALLATION/REMOVAL TOOL: 227-T2000
7. CABLE ASSEMBLY INSTRUCTIONS:  
A. TRIM CABLE AS SHOWN  
B. SLIDE INSULATOR DISC OVER THE CABLE CENTER CONDUCTOR.  
C. SOLDER BULLET CONTACT TO CABLE CENTER CONDUCTOR  
INSERT CABLE WITH BULLET CONTACT INTO BODY  
D. SOLDER OUTER CONDUCTOR OF CABLE TO BODY.

8 SHOWS CABLE ENTRY DIMENSIONS.

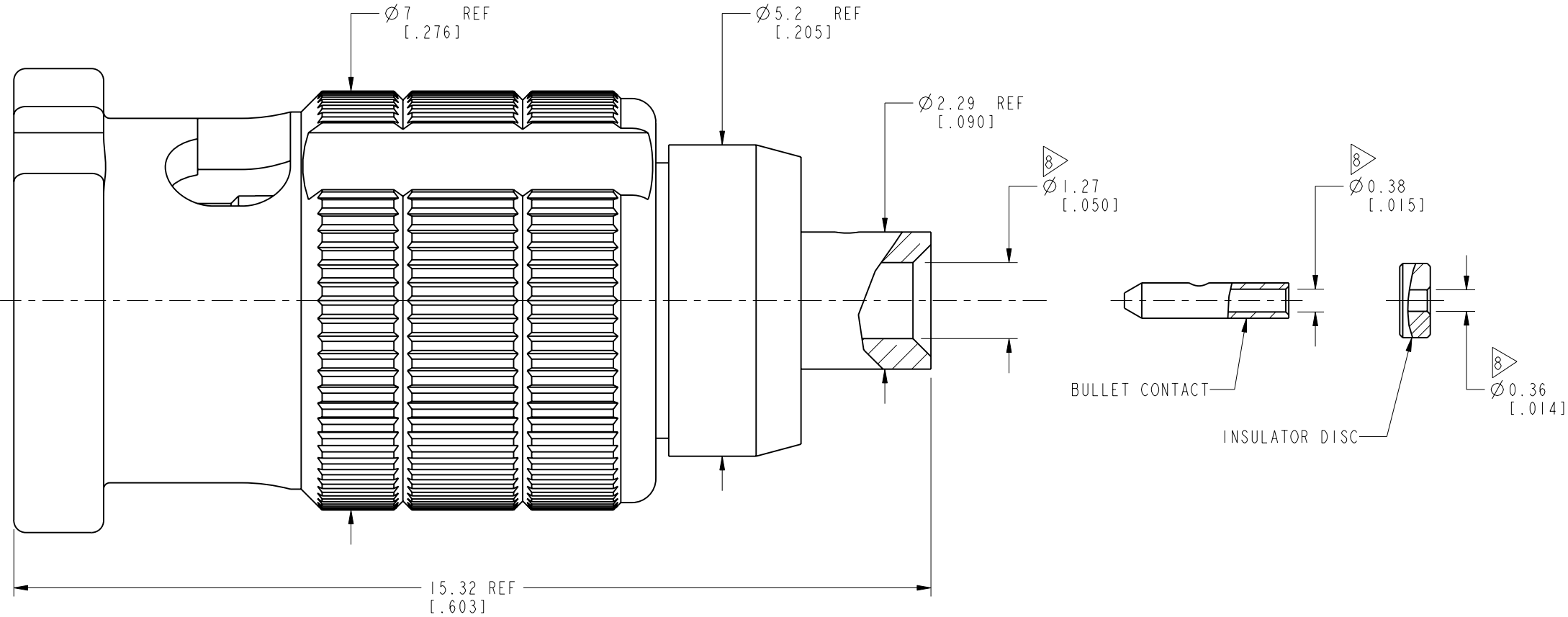
THIRD ANGLE PROJ.

REVISIONS

REV	DESCRIPTION	DATE	ECO	APPR
A	RELEASE TO MFG.	12-Apr-13	49282	TD



RECOMMENDED CABLE  
STRIPPING DIMENSIONS



PROTECTED UNDER U.S. PATENT # 7,553,177

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°

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MATERIAL  SEE NOTES	DRAWN T.DENG	DATE 12-Apr-13	TITLE 50 OHM HD-BNC STR PLUG FOR 0.047" CONFORMABLE CABLE		Amphenol RF <a href="http://www.amphenolrf.com">www.amphenolrf.com</a>	
	ENGINEER RAJAVIJAYAN S	DATE 20-Jul-12				
	REFERENCE EAR # 5400	APPROVED H.HE	DATE 12-Apr-13	SCALE: 11.0:1.0   SHEET 2 OF 2		DRAWING NO. 34-5027
	CONFIGURATION LEVEL: □□□□	CAD FILE		DWG SIZE B	REV A	ITEM NO. 34-5027
FINISH						PART NO. 34-5027

# Mouser Electronics

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