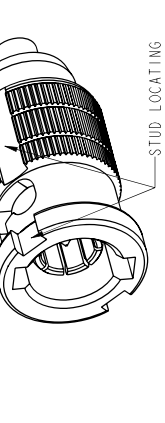


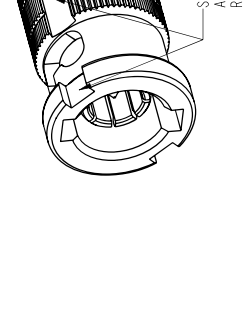
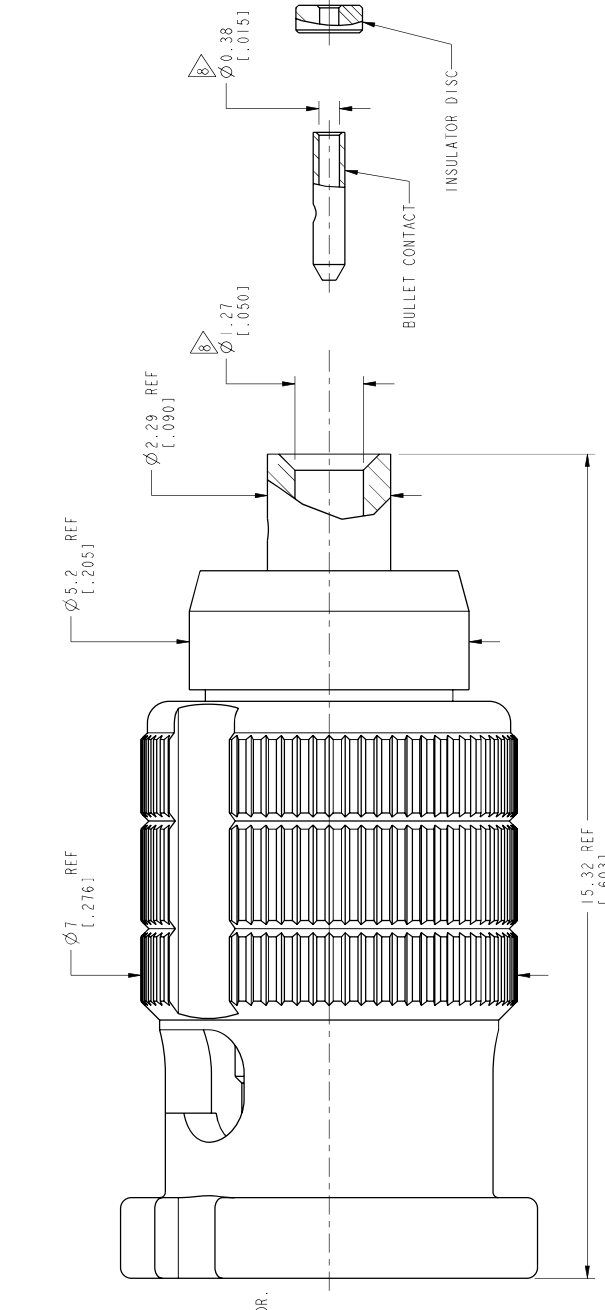
THIRD ANGLE PROJ.	REV A	DESCRIPTION RELEASE TO MFG.	DATE 12-Apr-13	ECO 49282	APPR TD
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REVOLUTIONS

- MATERIALS AND FINISHES:
BODY - BRASS, GOLD PLATING
BAYONET SLEEVE - BRASS, NICKEL PLATING
OUTER CONTACT - BeCu, NICKEL PLATING
CONTACT - PHOSPHOR BRONZE, GOLD PLATING
INSULATOR - PTFE
- 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
- MECHANICAL:
A. DURABILITY: 500 CYCLES MIN
B. TEMPERATURE RANGE: -65° C TO +165° C
- 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
- PACKAGING:
A. QUANTITY: SINGLE PACK
B. MARKING: MARK BAG OR TAG
C. "AMPHENOL RF, 34-5027 DATE CODE
U.S. PATENT NO. 7,553,177"
- HIGH DENSITY INSTALLATION/REMOVAL TOOL: 227-T2000
- 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
D. INSERT CABLE WITH BULLET CONTACT INTO BODY
E. SOLDER OUTER CONDUCTOR OF CABLE TO BODY.
F. SHOWS CABLE ENTRY DIMENSIONS.



RECOMMENDED CABLE STRIPPING DIMENSIONS



DRAWN T. DEEG		DATE 12-Apr-13	TITLE 50 OHM HD-BNC STR PLUG FOR 0.047" CONFORMABLE CABLE	
ENGINEER RAJAVIJAYAN S		DATE 20-Jul-12	Amphenol RF www.amphenolrf.com	
APPROVED H. HE		DATE 12-Apr-13	DRAWING NO. 34-5027	
CAD FILE		DWG SIZE B	ITEM NO. 34-5027	
		REV A	PART NO. 34-5027	

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:
 $\pm 0.5mm$ 0.5 - 6mm
 $\pm 0.1mm$ 6 - 30mm
 $\pm 0.2mm$ 30 - 120mm
 $\pm 0.3mm$ ANGLES

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