

NOTES:

1. MATERIALS AND FINISHES:
 BODIES, SHELL, WASHER & SPACER - BRASS, NICKEL PLATING
 CONTACT - BRASS, GOLD PLATING
 CONTACT - PHOSPHOR BRONZE, GOLD PLATING
 INSULATORS - PTFE, NATURAL
 GASKET - SILICONE RUBBER, RED
 SPRING - BeCu, NICKEL PLATING
 OUTER CONTACT - PHOSPHOR BRONZE, NICKEL PLATING
 FERRULE - COPPER, NICKEL PLATING

2. ELECTRICAL:
 A. IMPEDANCE: 50 OHM
 B. FREQUENCY RANGE: DC - 4 GHz

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
 "AMPHENOL RF, 31-316, AND DATE CODE"

5. CABLE ASSEMBLY INSTRUCTIONS:
 A. TRIM CABLE AS SHOWN.
 B. SLIDE FERRULE, INSULATOR & SPACER ONTO THE CABLE.
 C. WHEN CRIMP CONTACT TO CABLE, CRIMP WITH AMPHENOL TOOL 227-944(M22520/5-01) AND DIE SET 227-1221-09 CAVITY B (M22520/5-09 CLOSURE B) (0.068" HEX)
 D. WHEN CRIMP FERRULE TO CABLE, CRIMP WITH AMPHENOL TOOL 227-944(M22520/5-01) AND DIE SET 227-1221-09 CAVITY A (M22520/5-09 CLOSURE A) (0.178" HEX)

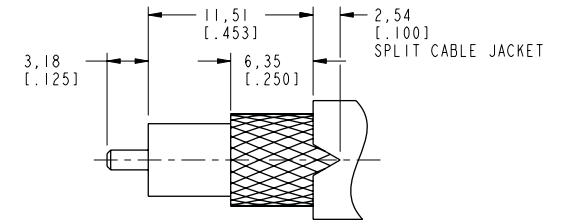
6. HEAT SHRINK TUBE (THERMO FIT), SUPPLIED ON REQUEST ONLY (68180-1).

7 SHOWS CABLE ENTRY DIMENSIONS.

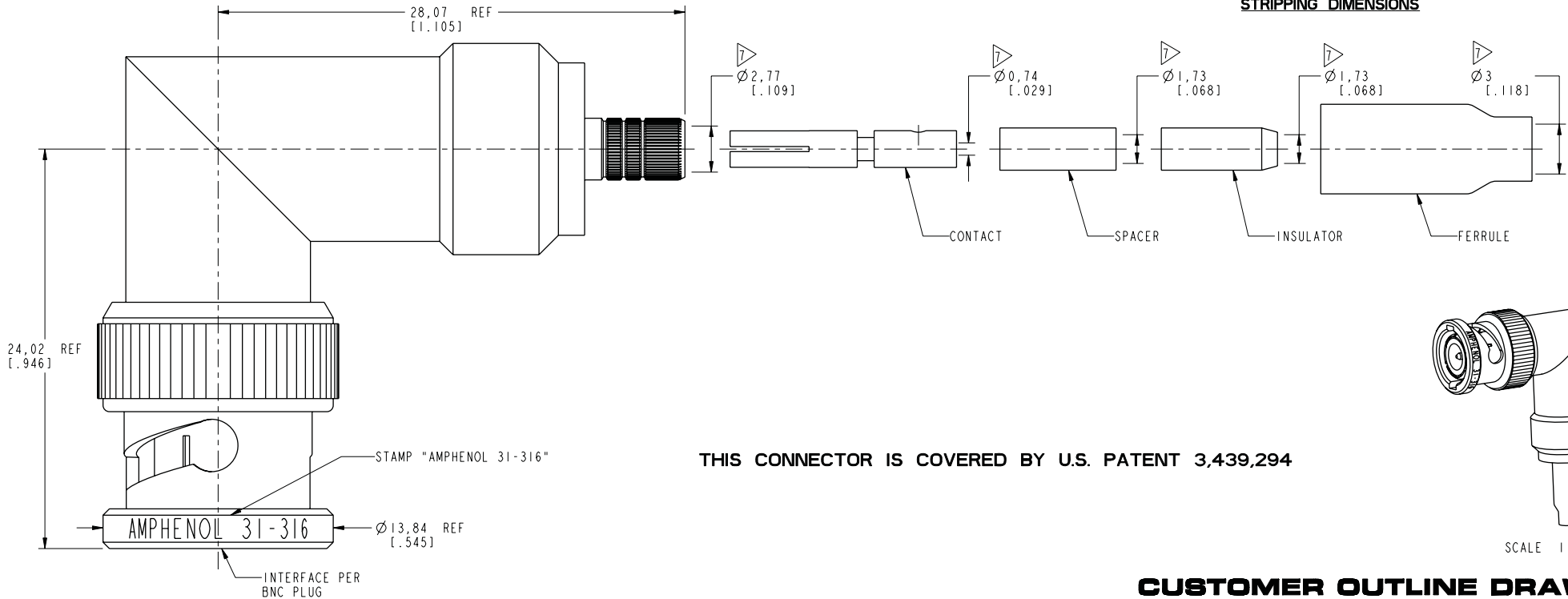
THIRD ANGLE PROJ.

REVISIONS

REV	DESCRIPTION	DATE	ECO	APPR
U	COD SHEET ADDED	01-Jun-15	50436	SH



RECOMMENDED CABLE STRIPPING DIMENSIONS



THIS CONNECTOR IS COVERED BY U.S. PATENT 3,439,294

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 ±°	MATERIAL SEE NOTES	DRAWN M.DONG	DATE 25-May-15	TITLE BNC RA PLUG FOR RG 174 & 188/U CABLE MIL-CRIMP	Amphenol RF www.amphenolrf.com	
	NOTICE - These drawings, specifications, or other data (1) are, and remain the property of Amphenol Corp. (2) must be returned upon request; and (3) are confidential and not to be disclosed to any person other than those to whom they are given by Amphenol Corp. the furnishing of these drawings, specifications, or other data by Amphenol Corp., or to any other person to anyone for any purpose is not to be regarded by implication or otherwise in any manner licensing, granting rights to permitting such holder or any other person to manufacture, use or sell any product, process or design, patented or otherwise, that may in any way be related to or disclosed by said drawings, specifications, or other data.	REFERENCE EAR # AND CONFIGURATION LEVEL: In Work	ENGINEER O MCPHERSON			DATE 17-Jul-07
	FINISH	APPROVED S.HSIEH	DATE 25-May-15	DWG SIZE B	REV U	ITEM NO. 31-316 PART NO. 31-316

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