

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)

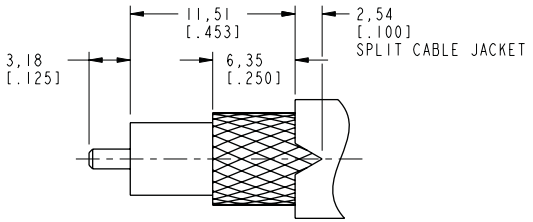
6. HEAT SHRINK TUBE (THERMO FIT), SUPPLIED ON REQUEST ONLY (68180-1).

SHOWS CABLE ENTRY DIMENSIONS.

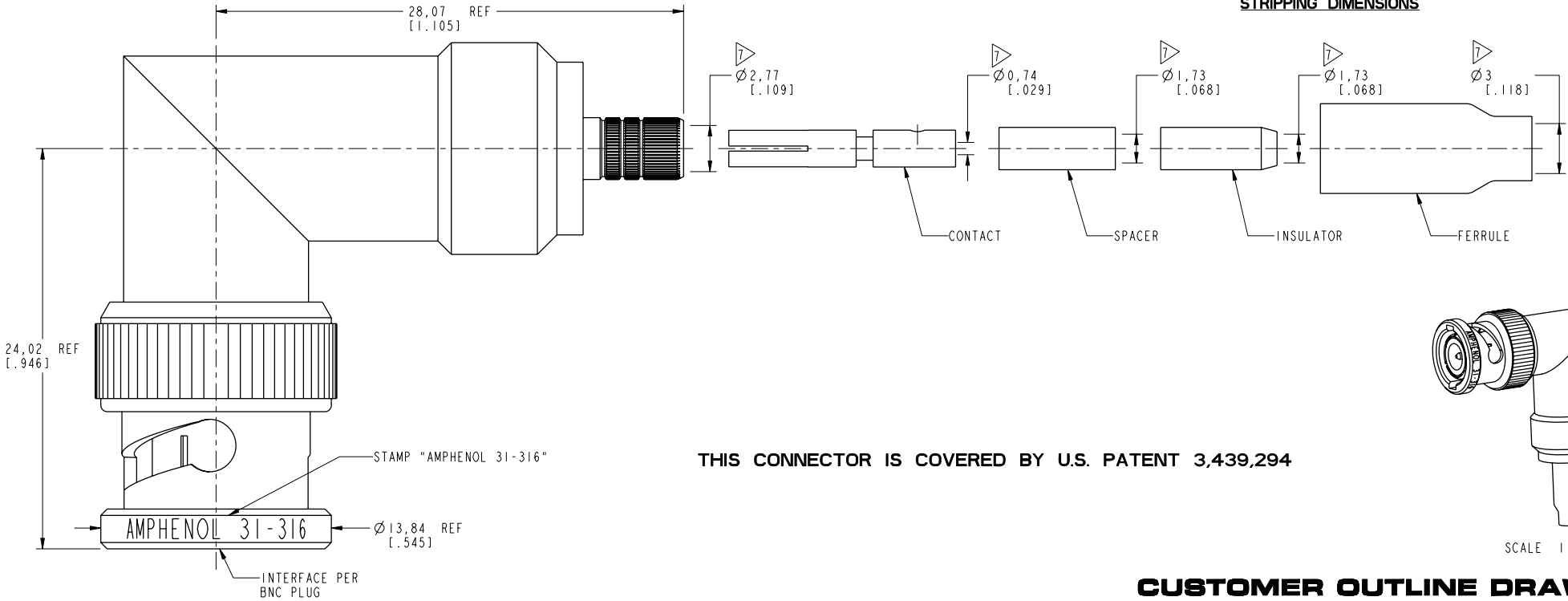
THIRD ANGLE PROJ.

REVISIONS

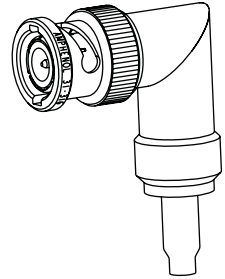
REV	DESCRIPTION	DATE	ECO	APPR
U	COD SHEET ADDED	01-Jun-15	50436	SH



RECOMMENDED CABLE STRIPPING DIMENSIONS



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



SCALE 1:300

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° 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.	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
	REFERENCE EAR # AND	ENGINEER O MCPHERSON	DATE 17-Jul-07		
	CONFIGURATION LEVEL: In Work	APPROVED S.HSIEH	DATE 25-May-15		
	FINISH	CAD FILE	DWG SIZE B	REV U	DRAWING NO.31-316
					ITEM NO.31-316
					PART NO.31-316