

NOTES:
1. MATERIALS AND FINISHES (PLATING THICKNESS IN MICROINCHES):
BODY ASSEMBLY - BRASS, GOLD PLATING (50 MIN THICK)
CAP - BRASS, GOLD PLATING (50 MIN THICK)
LOOSE CONTACT & ASSEMBLED CONTACT - BeCu, GOLD PLATING (50 MIN THICK)
GASKET - SILICONE RUBBER
RETAINGRING RING - BeCu
COUPLING NUT - BeCu, GOLD PLATING (50 MIN THICK)
OUTER FERRULE - COPPER, GOLD PLATING (50 MIN THICK)
HEAT SHRINK TUBING - POLYOLEFIN
ASSEMBLED CONTACT - BRASS, GOLD PLATING (50 MIN THICK)
INSULATORS - PTFE

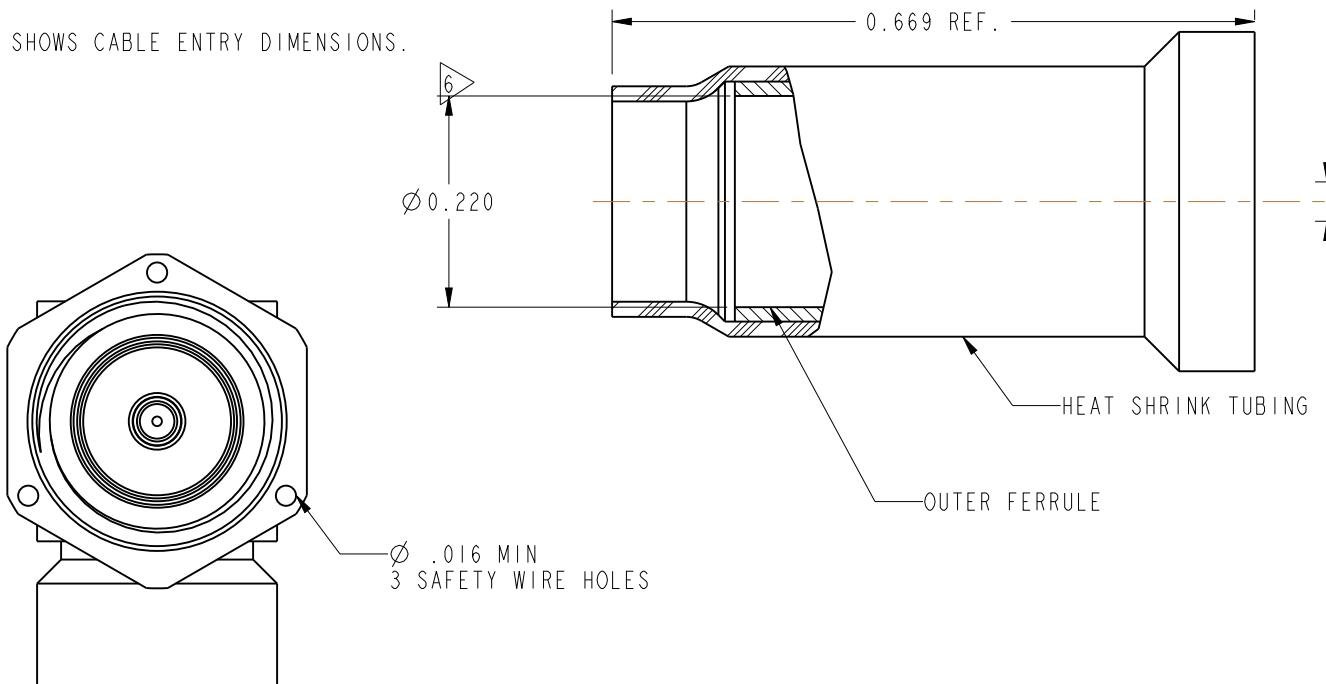
2. ELECTRICAL:
A. IMPEDANCE: 50 OHM

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, 901-148-15, AND DATE CODE"

5. CABLE ASSEMBLY INSTRUCTIONS
A. TRIM CABLE AS SHOWN.
B. SOLDER CABLE CENTER CONDUCTOR TO CONTACT.
C. INSERT CABLE WITH PTFE INSULATOR ENTERING CONNECTOR
AND BRAID OVER KNURL.
D. CRIMP FERRULE WITH AMPHENOL TOOL 227-944 AND
DIE SET 227-1221-57 CLOSURE 'A', .213" HEX DIE.
USE M22520/1-15 POSITIONER.

6. SHOWS CABLE ENTRY DIMENSIONS.



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

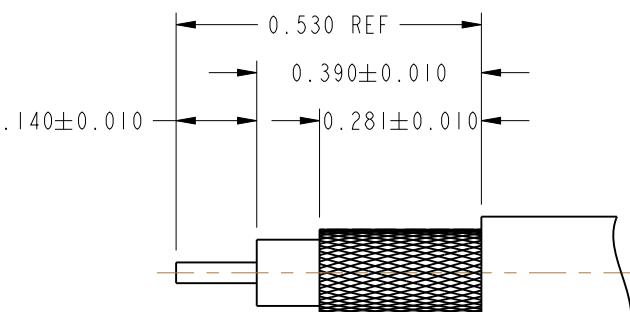
UNLESS OTHERWISE SPECIFIED, DIMENSIONS ARE IN INCHES AND TOLERANCES ARE:
2 PLACE DECIMAL 3 PLACE DECIMAL ANGLES
±.015 (0.381 mm) ±.005 (0.127 mm) ± 1°

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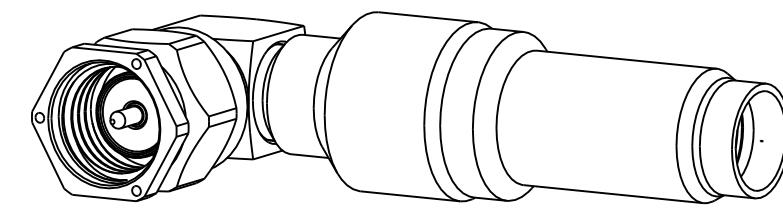
THIRD ANGLE PROJ.

REVISIONS

REV	DESCRIPTION	DATE	ECO	APPR
--	OFFICIAL ENG. RELEASE TO MFG.	-----	-----	
AA	REDRAWN IN PRO E & ADDED COD	9/20/13	49679	KR
AB	ADDED VIEW FOR WIRE HOLES	3/19/14	49912	CPM

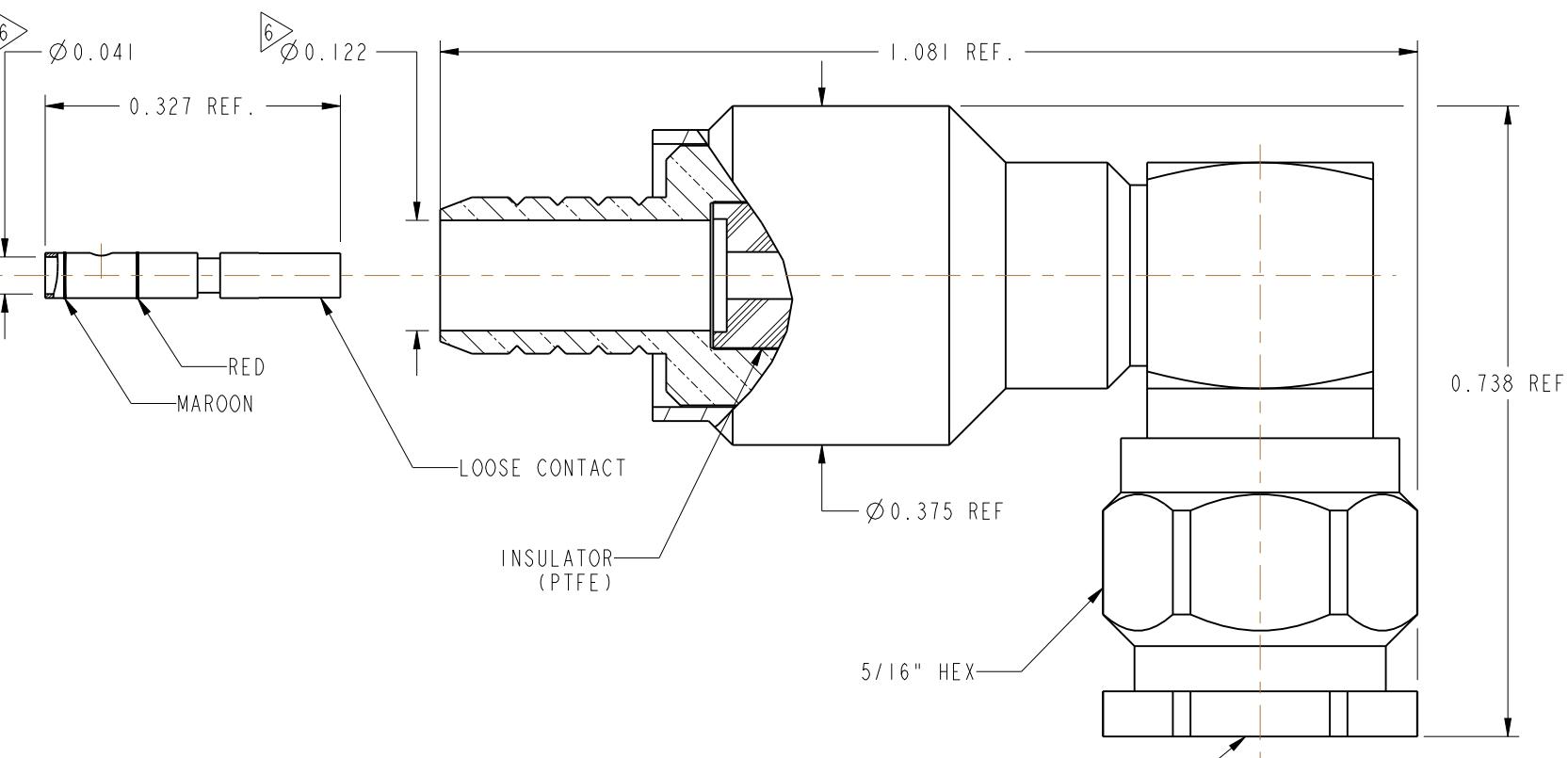


RECOMMENDED CABLE STRIPPING DIMENSIONS



SCALE 2.500

MIL-C-39012 INSPECTION



CUSTOMER OUTLINE DRAWING

ALL OTHER SHEETS ARE FOR INTERNAL USE ONLY

INTERFACE PER
MIL-STD-348
SMA SERIES

MATERIAL SEE NOTES	DRAWN KARTHIK R	DATE 12-Aug-13	TITLE SMA 90° PLUG CRIMP TYPE FOR RG-400/U & 142/U CABLE	DRAWING NO. 901-148-15	Amphenol RF
	ENGINEER ABR	DATE 09-Jul-80			www.amphenolrf.com
	REFERENCE DOR 312191-51 M39012/56-4502	APPROVED K. CAPOZZI	DATE 9/20/13		ITEM NO. 901-148-15
FINISH	SCALE: 5.0:1.0	SHEET 2 OF 2	PART NO. 901-148-15		
	DWG SIZE B	REV AB			

Mouser Electronics

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