

NOTES:

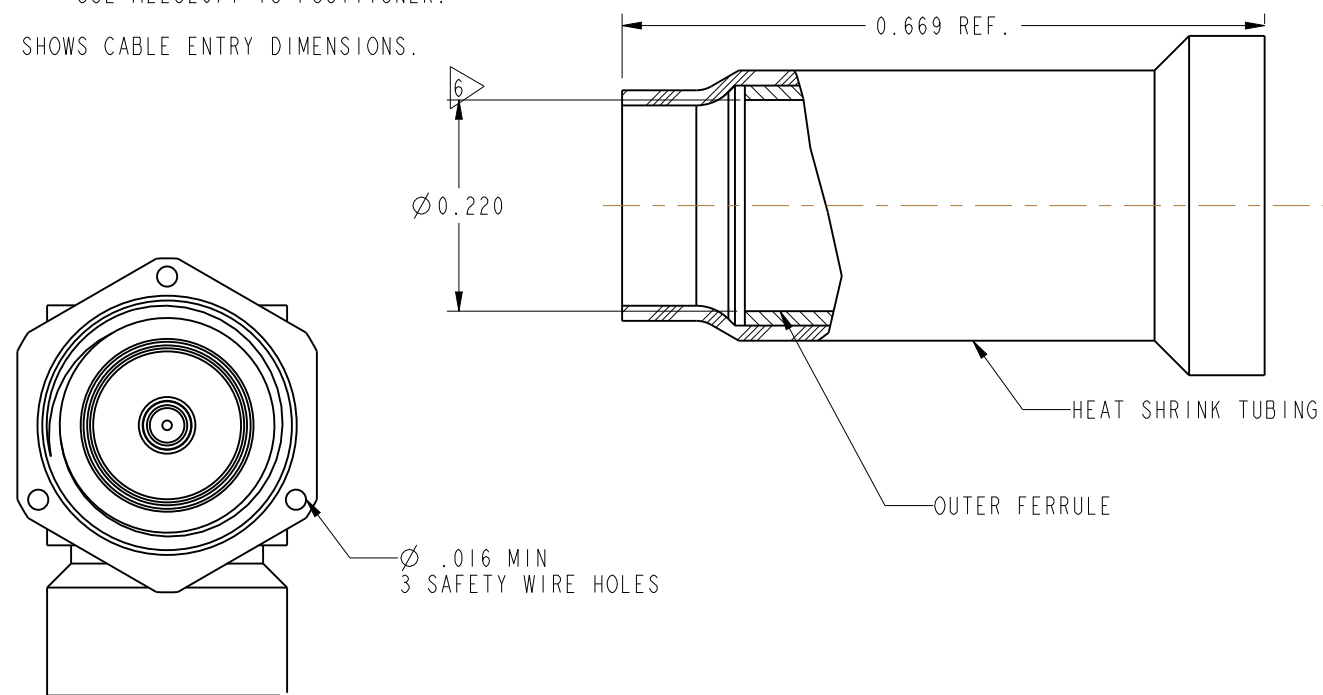
- MATERIALS AND FINISHES (PLATING THICKNESS IN MICROINCHES):
 - BODY ASSEMBLY - BRASS, GOLD PLATING (50 MIN THICK)
 - CAP - BRASS, GOLD PLATING (50 MIN THICK)
 - LOOSE CONTACT & ASSEMBLED CONTACT - BeCu, GOLD PLATING (50 MIN THICK)
 - GASKET - SILICONE RUBBER
 - RETAINGING RING - BeCu
 - COUPLING NUT - 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

- ELECTRICAL:
 - A. IMPEDANCE: 50 OHM
- MECHANICAL:
 - A. DURABILITY: 500 CYCLES MIN.
 - B. TEMPERATURE RANGE: -65° C TO +165° C

- PACKAGING:
 - A. QUANTITY: SINGLE PACK
 - B. MARKING: BAG TO BE MARKED "AMPHENOL, 901-148-15, AND DATE CODE"

- 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.

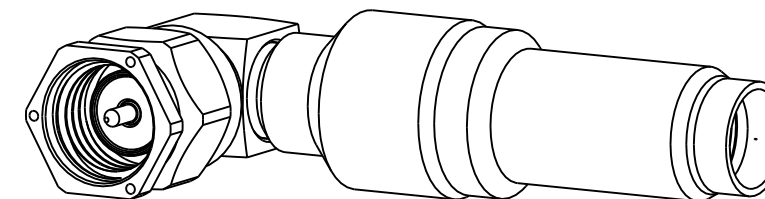
6 SHOWS CABLE ENTRY DIMENSIONS.



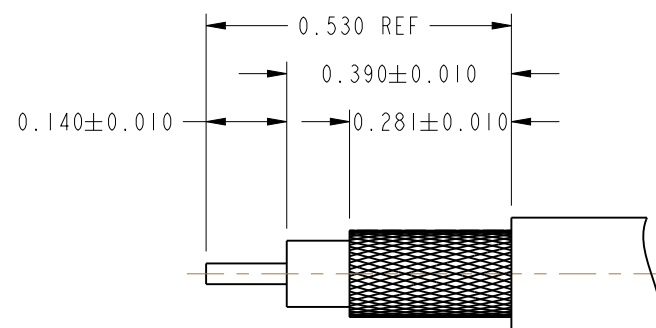
THIRD ANGLE PROJ.

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

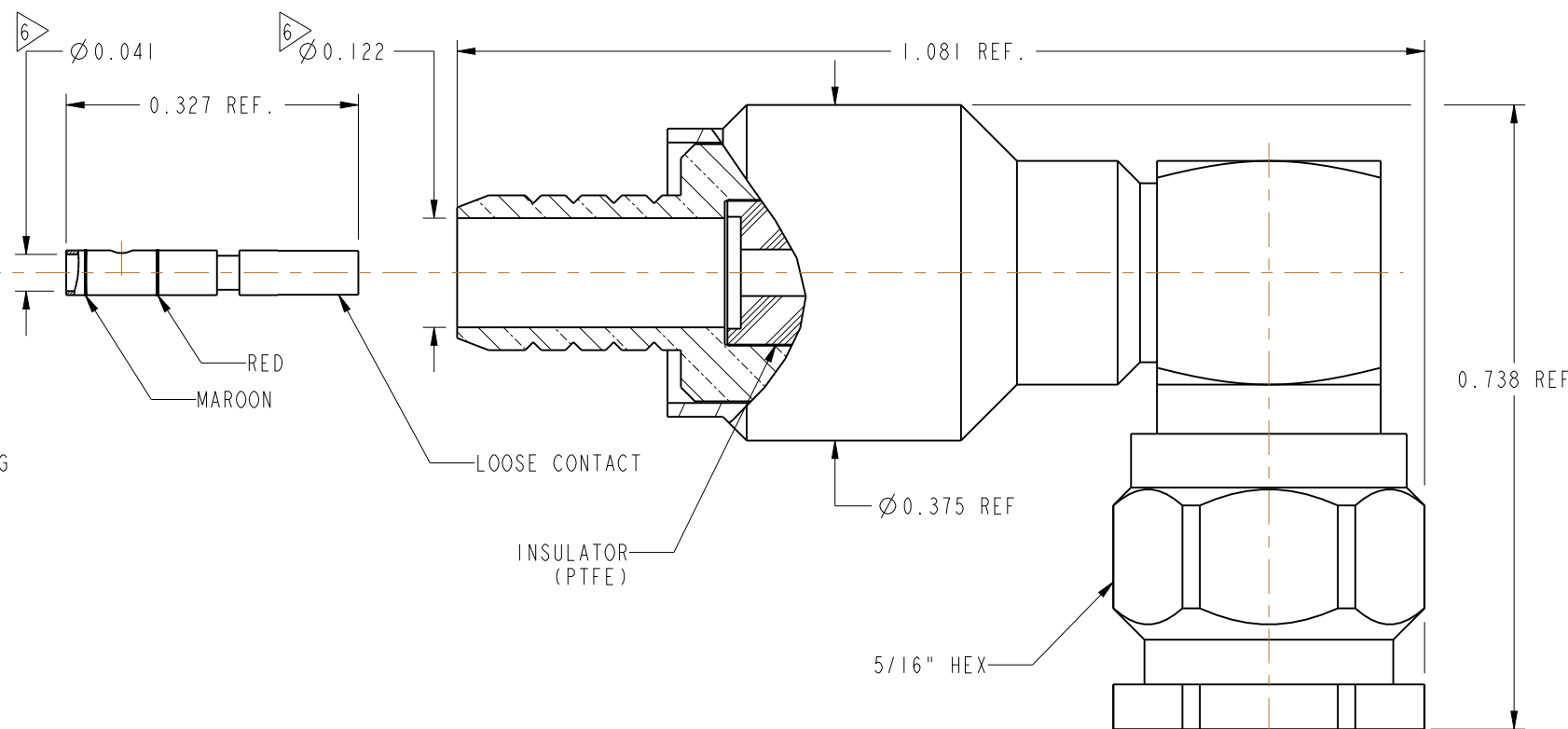


SCALE 2.500



RECOMMENDED CABLE STRIPPING DIMENSIONS

MIL-C-39012 INSPECTION



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

CUSTOMER OUTLINE DRAWING

ALL OTHER SHEETS ARE FOR INTERNAL USE ONLY

INTERFACE PER MIL-STD-348 SMA SERIES

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