

NOTES:

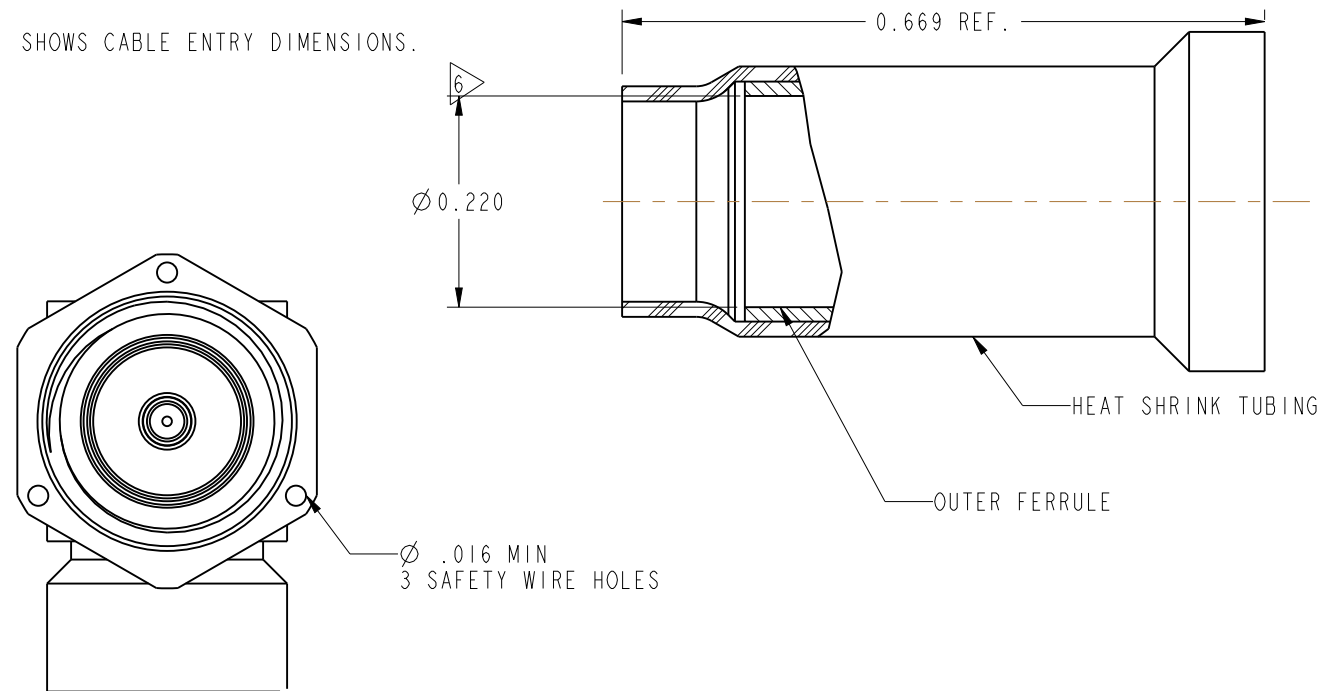
- MATERIALS AND FINISHES (PLATING THICKNESS IN MICROINCHES):
  - BODY ASSEMBLY - BRASS, GOLD PLATING (50 MIN THICK)
  - CAP - BRASS, GOLD PLATING (50 MIN THICK)
  - LOOSE CONTACT & ASSEMBLED CONTACT - BeCu, GOLD PLATING (50 MIN THICK)
  - GASKET - SILICONE RUBBER
  - RETAINGING RING - BeCu
  - COUPLING 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:
  - IMPEDANCE: 50 OHM
- MECHANICAL:
  - DURABILITY: 500 CYCLES MIN.
  - TEMPERATURE RANGE: -65° C TO +165° C

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

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

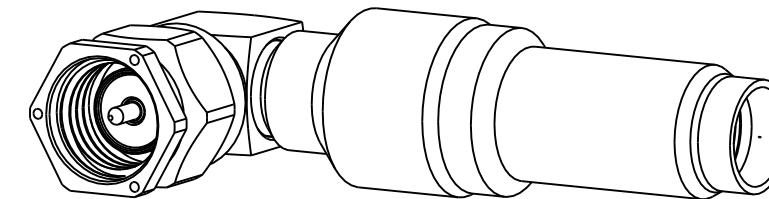
6 SHOWS CABLE ENTRY DIMENSIONS.



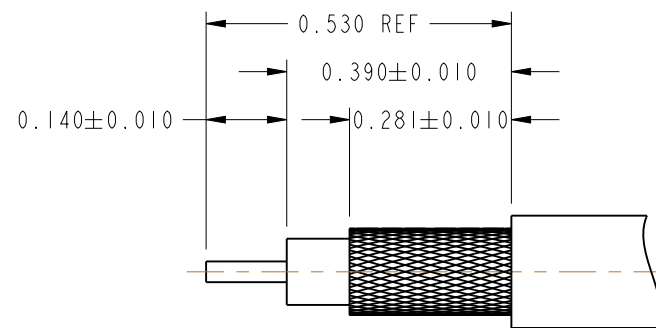
THIRD ANGLE PROJ.

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

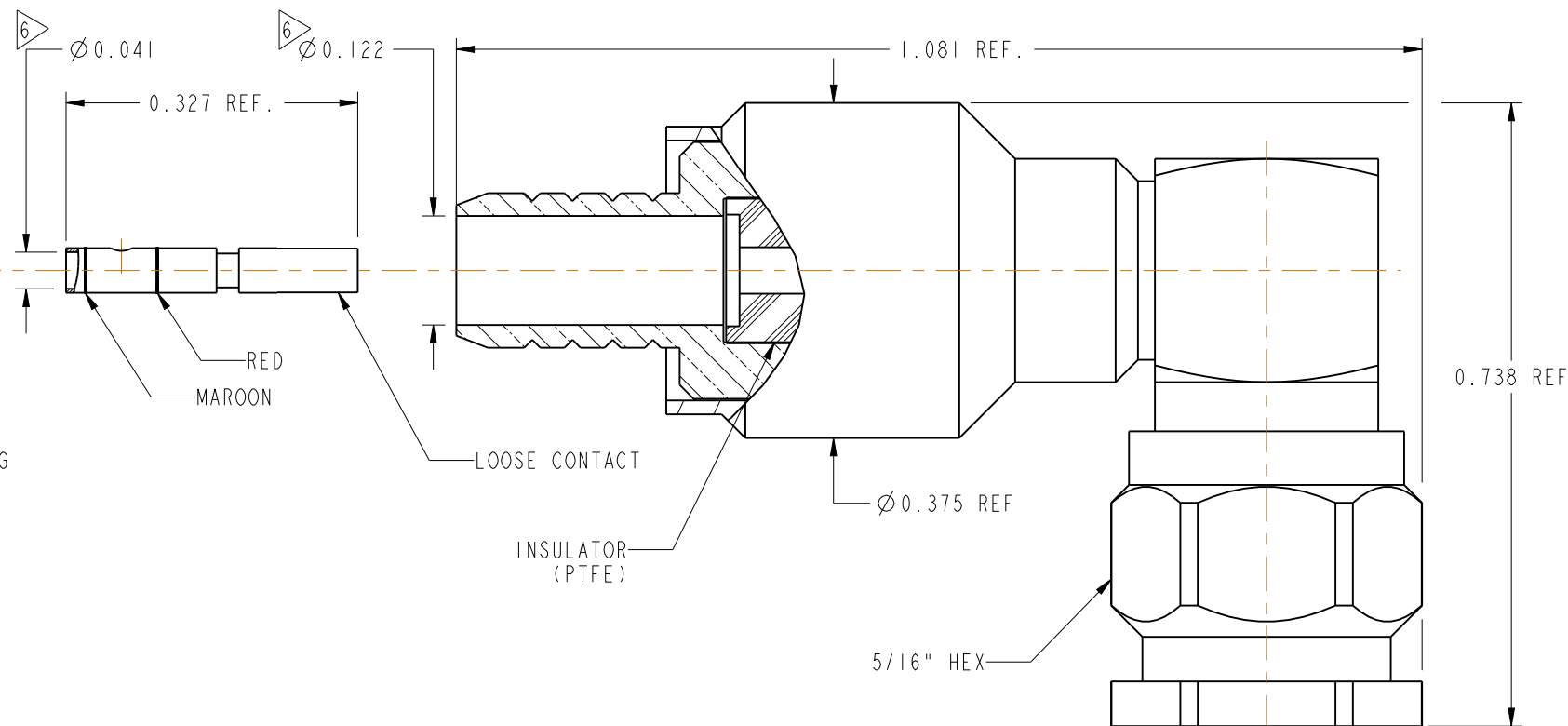


SCALE 2.500



**RECOMMENDED CABLE STRIPPING DIMENSIONS**

**MIL-C-39012 INSPECTION**



**CUSTOMER OUTLINE DRAWING**

ALL OTHER SHEETS ARE FOR INTERNAL USE ONLY

INTERFACE PER MIL-STD-348 SMA SERIES

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