

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	- BeCu, GOLD PLATING (50 MIN THICK)
& ASSEMBLED CONTACT	
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

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

- 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

$\varnothing 0.220$

HEAT SHRINK TUBING

OUTER FERRULE

$\varnothing .016$ MIN
3 SAFETY WIRE HOLES

3 SAFETY WIRE HOLES

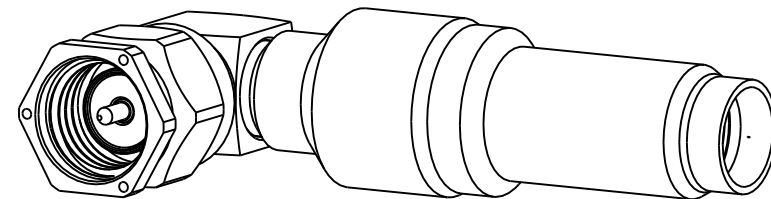
THIS CONNECTOR IS COVERED BY U.S. PATENT 3,439,294.

CUSTOMER OUTLINE DRAWING

ALL OTHER SHEETS ARE FOR INTERNAL USE ONLY

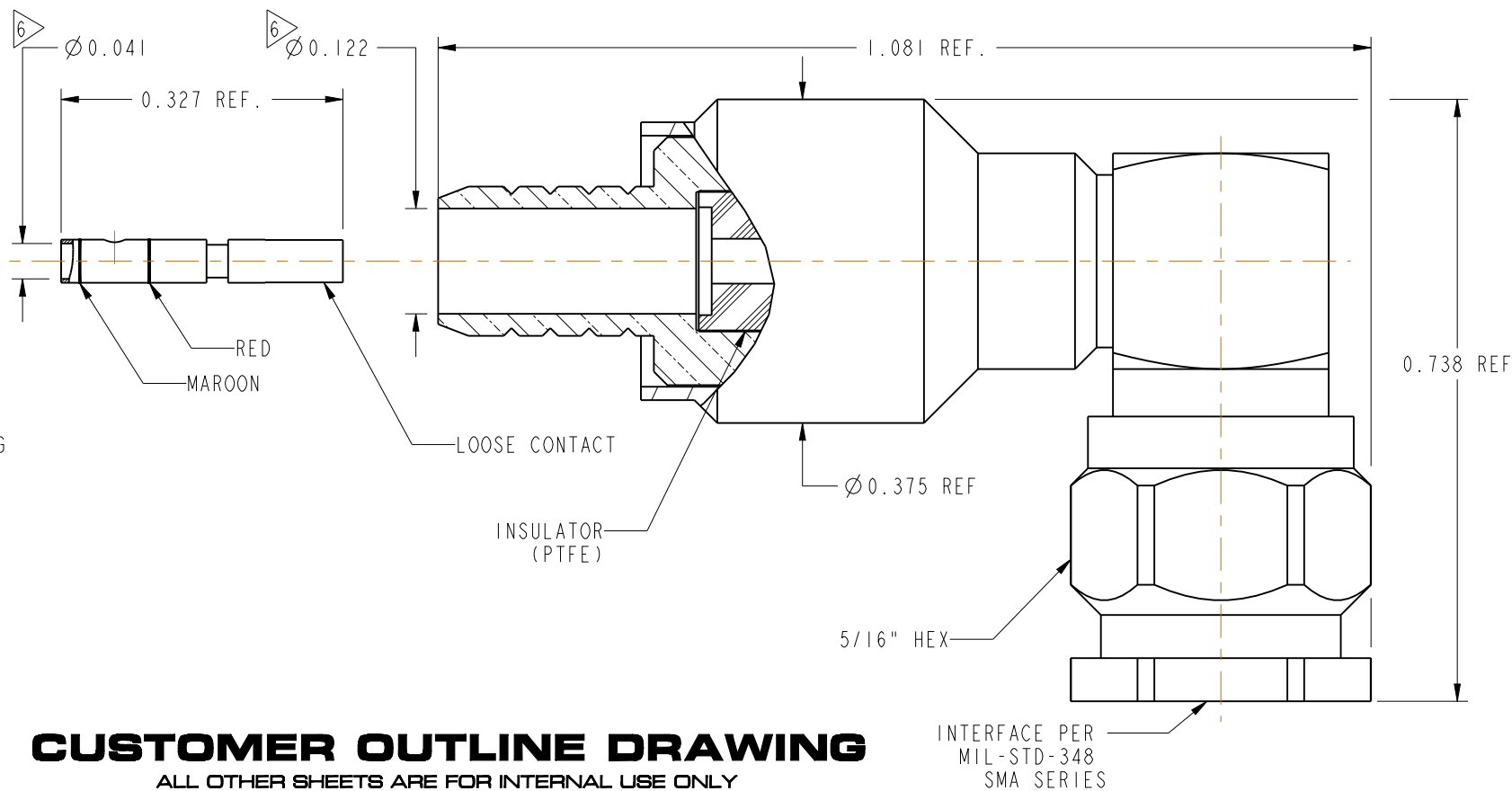
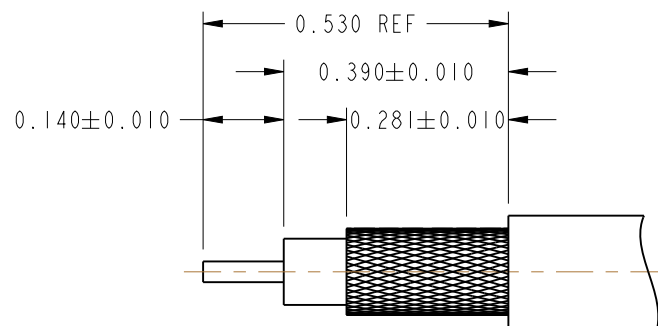
REVISIONS

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



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 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	
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			REFERENCE DOR 312191-51 M39012/56-4502	APPROVED K. CAPOZZI	DATE 9/20/13	SCALE: 5.0:1.0	SHEET 2 OF 2	ITEM NO. 901-148-15
			FINISH	CAD FILE		DWG SIZE B	REV AB	PART NO. 901-148-15



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