

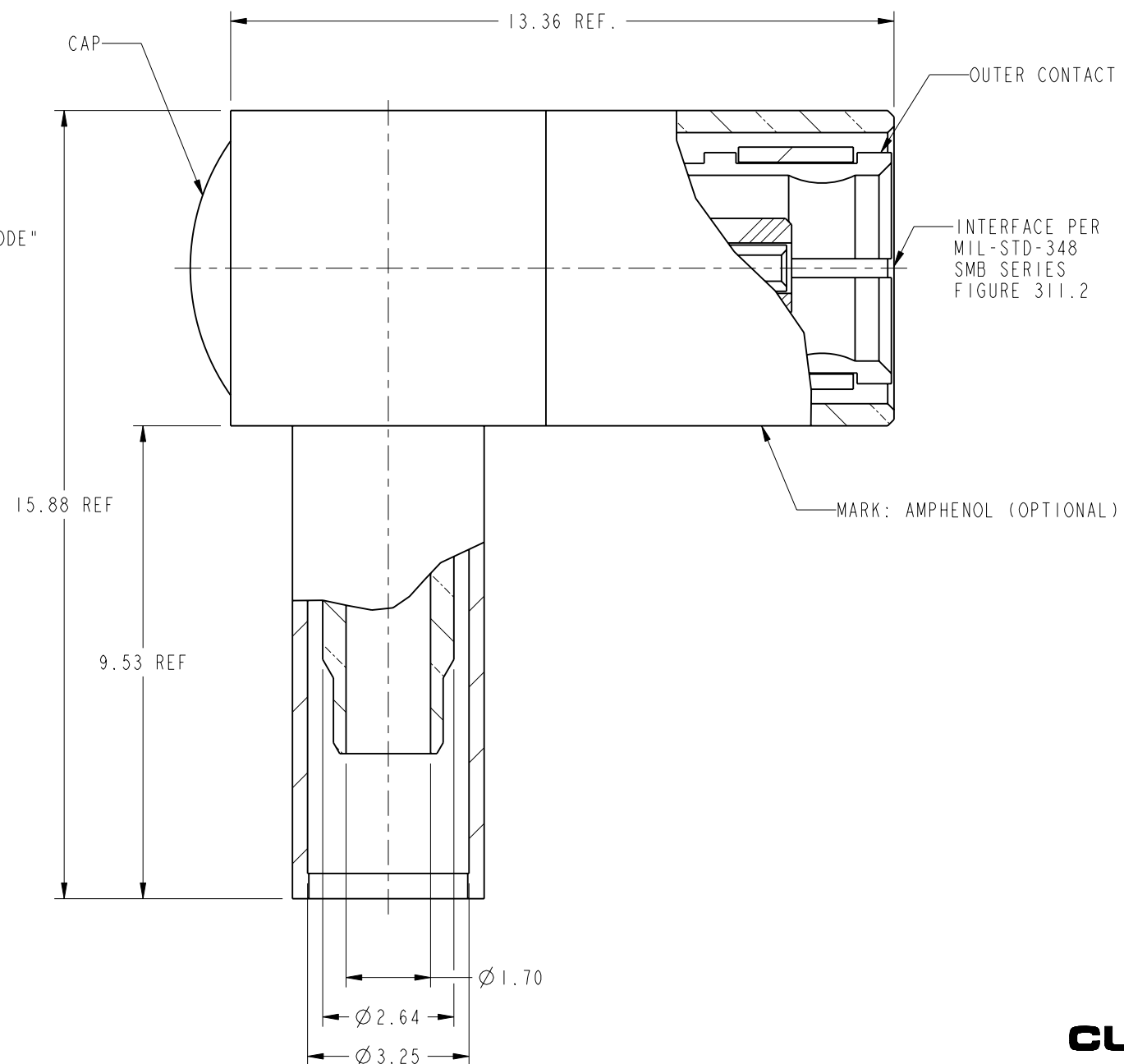
NOTES:

1. MATERIALS AND FINISHES:  
 BODY & HOOD - BRASS, GOLD PLATING 10 MIN. THICK OVER NICKEL PLATING 200 MIN. THICK  
 FERRULE - COPPER, GOLD PLATING 10 MIN. THICK OVER NICKEL PLATING 200 MIN. THICK  
 OUTER CONTACT & CAP - BRASS, GOLD PLATING 30 MIN. THICK OVER NICKEL PLATING 80 MIN THICK OVER COPPER PLATING 20 MIN. THICK  
 CONTACT PIN - BeCu, GOLD PLATING 30 MIN. THICK OVER NICKEL PLATING 100 MIN THICK OVER NICKEL STRIKE  
 RETAINING RING - BeCu, NICKEL PLATING 100 MIN. THICK OVER COPPER STRIKE  
 INSULATOR - PTFE , NATURAL
2. ELECTRICAL:  
 A. IMPEDANCE: 50 OHM  
 B. DIELECTRIC WITHSTANDING VOLTAGE: 1000 VRMS, MIN.
3. MECHANICAL:  
 A. DURABILITY: 500 CYCLES MIN.  
 B. TEMPERATURE RANGE: -65° C TO +165° C
4. CRIMPED FERRULE  
 HEX CRIMP SIZE 0.128"
5. CONTACT PIN TO SOLDER
6. PACKAGING:  
 A. PACKAGE CONNECTOR AS PER ROUTING INSTRUCTIONS.  
 B. MARK BAG OR TAG "AMPHENOL RF 903-289P-51A AND DATE CODE"

THIRD ANGLE PROJ.

REVISIONS

REV	DESCRIPTION	DATE	ECO	APPR
A	RELEASE TO MFG.	6/20/84	30168	MM/SP
H	SEE SHEET I	3/22/95	40549	PB
J	SEE SHEET I	2/12/04	44801	CPM/KC
K	SEE SHEET I	28-Nov-07	44820	SH
L	INSULATOR WAS CHANGED\RD-DM0806040IS1	13-Jun-08	--	SH
M	CAP WAS CHANGED, BODY WAS CHANGED\RD-DM1103010IT1	15-Mar-11	48113	SH
N	PLATING NOTES UPDATED	26-Mar-14	49892	RAK



**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°	MATERIAL	DRAWN	DATE	TITLE SMB RIGHT ANGLE PLUG FOR RG-316/U		Amphenol RF Danbury CT USA, Tainan, Taiwan, Shenzhen, China www.amphenolrf.com	
	SEE NOTES	J. CHEN	26-Mar-14				
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	CONFIGURATION LEVEL:	K. CAPOZZI	08-Mar-02				
	FINISH	APPROVED	DATE		DWG SIZE    REV B                    N		PART NO. 903-289P-51A
	S. HSIEH	26-Mar-14	CAD FILE				