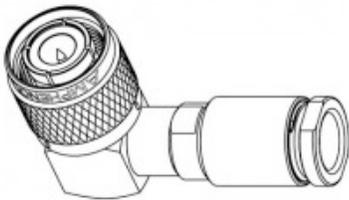


AMPHENOL RF PART NUMBER

## 082-856-2050

HN-Type Right Angle Clamp Plug for RG-8, RG-9, 50 Ohm



### PRODUCT OVERVIEW

RF Connector, HN-Type Right Angle Clamp Plug for RG-8, RG-9, 50 Ohm

Product Type	Connectors
Product Series	HN-Type
Status	Active

### PRODUCT SPECIFICATIONS

Gender	Plug
Orientation	Right Angle
Termination Style	Cable - Clamp
Impedance (Ohms)	50
Body Finish	Nickel
Body Material	Brass
Contact Finish	Silver
Contact Material	Beryllium Copper
Contact Termination Style	Solder
Insulator Material	PTFE
Cable Group	G4
Cable Type	RG-213, RG-214, RG-225, RG-302, RG-393, RG-8, RG-87, RG-8A, RG-9, RG-9A, RG-9B
Coupling Mechanism	Threaded
Max Frequency (GHz)	4
Polarity	Standard
Thread Direction	Standard

Min. Temp. (Celsius)	-65
Max. Temp. (Celsius)	165
Mating Cycles	500

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## PRODUCT COMPLIANCE

Product compliance documentation, if available is listed below:

RoHS 2 (EU)	Compliant with Exemption 6C
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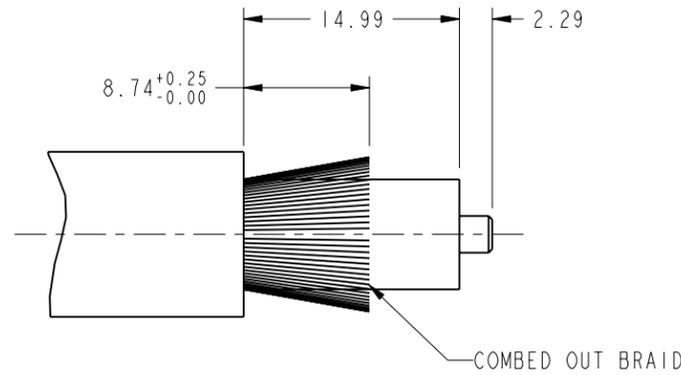
NOTES:

1. MATERIALS AND FINISHES:  
 BODY - BRASS, NICKEL PLATING  
 CONTACT - BERYLLIUM COPPER AND BRASS, SILVER PLATING  
 INSULATOR - PTFE, NATURAL
2. ELECTRICAL:  
 A. IMPEDANCE: 50 OHM  
 B. FREQUENCY RANGE: DC 0-4 GHz  
 C. DIELECTRIC WITHSTANDING VOLTAGE: 1500 VRMS, MIN.
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 RF, 82-856, AND DATE CODE"
5. SHOWS CABLE ENTRY DIMENSIONS.
6. USED WITH CABLES RG8/U, 8A/U, 9/U, 9A/U & 9B/U, 11/U, 11A/U, 13/U, 13A/U, 63/U, 114/U, 114A/U, 213/U & 216/U.

THIRD ANGLE PROJ.

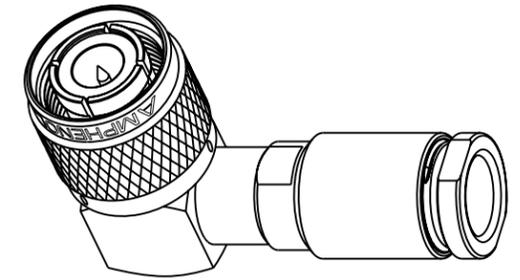
REVISIONS

REV	DESCRIPTION	DATE	ECO	APPR
A	OFFICIAL ENG. RELEASE	29-Dec-52	2928	CPM
W	SYNC THE DRAWING	21-Apr-11	48526	SH
Y	UPDATED EXPLODED VIEW	26-Mar-14	49898	SH

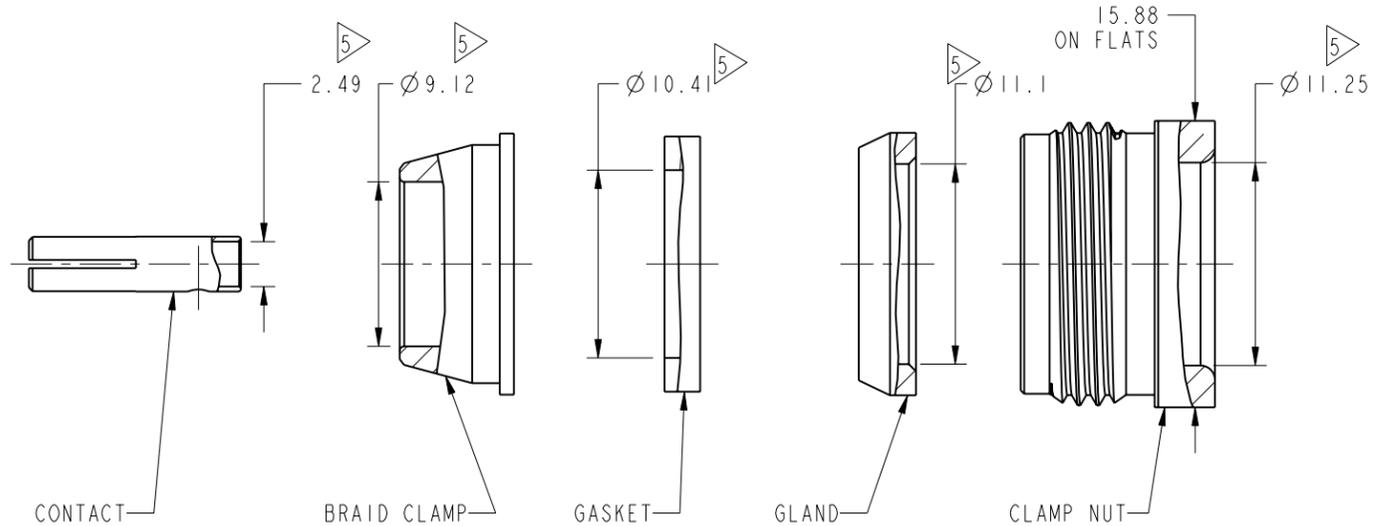
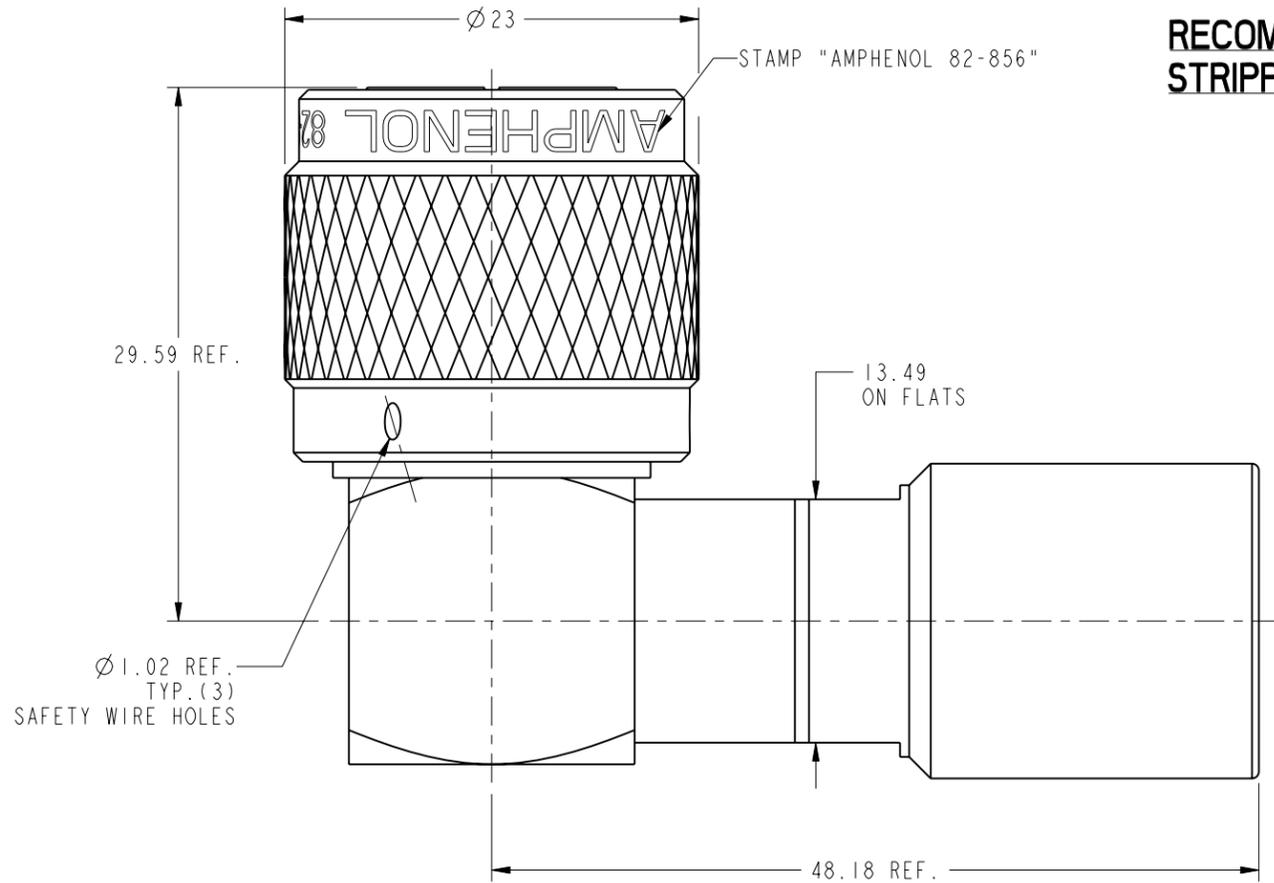


SCALE 2.000

**RECOMMENDED CABLE STRIPPING DIMENSIONS**



SCALE 1.000



**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 J. CHENG	DATE 26-Mar-14	TITLE TYPE "HN" ANGLE PLUG	Amphenol RF www.amphenolrf.com
	NOTICE - These drawings, specifications, or other data (1) are, and remain the property of Amphenol corp. (2) must be returned upon request; and (3) are confidential and not to be disclosed to any person other than those to whom they are given by Amphenol Corp. the furnishing of these drawings, specifications, or other data by Amphenol Corp., or to any other person to anyone for any purpose is not to be regarded by implication or otherwise in any manner licensing, granting rights to permitting such holder or any other person to manufacture, use or sell any product, process or design, patented or otherwise, that may in any way be related to or disclosed by said drawings, specifications, or other data.	REFERENCE FAIRCHILD RE-10542 CONFIGURATION LEVEL:	ENGINEER H. HUTTER		
	FINISH	APPROVED S. HSIEH	DATE 26-Mar-14	SCALE: 2.5:1.0    SHEET 2 OF 2	ITEM NO. 82-856
		CAD FILE		DWG SIZE B	REV Y
					PART NO. 82-856