

1. MATERIALS AND FINISHES:
BODY - BRASS, SILVER PLATING
CONTACT - BRASS, GOLD PLATING
INSULATOR - PTFE
2. MECHANICAL:
A. DURABILITY: 500 CYCLES MIN.
B. TEMPERATURE RANGE: -65° C TO +165° C
3. PACKAGING:
A. QUANTITY: SINGLE PACK
B. MARKING: BAG TO BE MARKED
"AMPHENOLRF, 82-4352, AND DATE CODE"
4. ASTERISK (*) SHOWS CABLE ENTRY DIMENSIONS
5. RECOMMENDED ASSEMBLY PROCEDURES:
A. ITEMS CLAMP NUT, GASKET, CLAMP NUT, WASHER, INSULATOR & WASHER ARE ASSEMBLED TO CABLE PRIOR TO SOLDERING OF CENTER CONTACT.
B. CUSTOMER NOTE: SOLDER CONTACT TO CABLE.
C. ASSEMBLE INSULATOR ONTOCONTACT & THEN INSERT THE PRE-ASSEMBLED CABLE TERMINATION ASSY INTO THE PLUG BODY. SECURE BY TIGHTENING THE CABLE CLAMP NUT.

REVISIONS

REV	DESCRIPTION	DATE	ECO	APPR
--	RELEASED TO MFG.	-----	-----	-----
H	REDRAWN IN PRO E, ADD COD	1/14/13	48616	RAK
J	ADD STAMPING TO COD	3/6/13	49452	CPM

The diagram illustrates the assembly of a clamp. On the left, a **CLAMP NUT** is shown with a threaded section and a flange. A dimension line indicates a distance of $* \varnothing 0.443$ from the top of the flange to the start of the threads. A label **5/8 WRENCH FLATS** points to the top and bottom surfaces of the threaded section. To the right of the clamp nut are two separate components: a **WASHER** (a thin rectangular plate) and a **GASKET** (a thicker rectangular plate). A horizontal dashed line passes through the center of all three components, indicating they are aligned.

Technical drawing of the braided shield assembly, showing three views: front, side, and end view.

Front View: Shows the braided shield with a clamp. The label **BRAID CLAMP** points to the clamp.

Side View: Shows the braided shield, a washer, and a contact. The label **WASH** points to the washer.

End View: Shows the contact with dimensions $* \varnothing 0.297$ and $* \varnothing 0.098$. The label **CONTACT** points to the contact.

Technical drawing of a TNC plug assembly. The drawing shows a cross-section of the assembly, which includes a connector body on the left, a mesh screen in the middle, and a plug on the right. The connector body has a rectangular flange with rounded corners. The mesh screen is a cylindrical component with a diagonal wire pattern. The plug is a rectangular component with a circular hole in the center. A dashed line indicates the centerline of the assembly. Labels with arrows point to various features: "NCH FLATS" points to the flange of the connector body; "Ø.030 WIRE HOLES TYP 3" points to the mesh screen; "INTERFACE PER MIL-STD-348 SERIES : TNC PLUG" points to the plug; and an arrow points to the circular hole in the plug.

ALL OTHER SHEETS ARE FOR INTERNAL USE ONLY

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° 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.	MATERIAL	DRAWN ABHAYA KISHORE	DATE 01-Jun-11	TITLE TYPE 'N' PLUG (CATEGORY A) CAPTIVATED CONTACT FOR RG 213,214 & 225 CABLES		Amphenol RF	
		ENGINEER ABHAYA KISHORE	DATE 01-Jun-11			www.amphenolrf.com	
		REFERENCE DRAWING NO. : EPA 802207 M39012/01-0005	APPROVED K. CAPOZZI	DATE 1/14/13	SCALE: 3.5:1.0	SHEET 2 OF 2	DRAWING NO.82-4352
			CAD FILE		DWG SIZE B	REV J	ITEM NO.82-4352
	CONFIGURATION LEVEL: In Work	FINISH					PART NO.82-4352