

Excellent Integrated System Limited

Stocking Distributor

Click to view price, real time Inventory, Delivery & Lifecycle Information:

[Amphenol RF](#)
[082-6512](#)

For any questions, you can email us directly:

sales@integrated-circuit.com

NOTES:

1. MATERIALS AND FINISHES:
BODY - BRASS, NICKEL PLATING
CONTACT - BeCu & BRASS, GOLD PLATING
INSULATORS - PTFE
HEX NUT - BRASS, NICKEL PLATING
LOCK WASHER - BRASS, NICKEL PLATING
O-RING - SILICONE RUBBER
FERRULE - BRASS, NICKEL PLATING
HEAT SHRINK TUBING - CROSSLINKED POLYOLEFIN

2. ELECTRICAL:
A. IMPEDANCE: 50 OHM
B. FREQUENCY RANGE: DC - 6 GHz
C. DIELECTRIC WITHSTANDING VOLTAGE: 1000 VRMS, MIN.

3. MECHANICAL:
A. DURABILITY: 500 CYCLES MIN.
B. TEMPERATURE RANGE: -55° C TO +85° C

4. PACKAGING:
A. QUANTITY: SINGLE PACK
B. MARKING: BAG TO BE MARKED
"AMPHENOLRF, 82-6512, AND DATE CODE"

5. RECOMMENDED CABLE ASSEMBLY INSTRUCTIONS:
A. TRIM CABLE AS SHOWN
B. SLIDE HEAT SHRINK TUBING, FERRULE AND INSULATOR DISC ONTO CABLE.
C. SOLDER CABLE CENTER CONDUCTOR TO CONTACT.
D. INSERT CABLE WITH FOIL ENTERING CONNECTOR AND BRAID OVER KNURL.
E. CRIMP FERRULE OVER BRAID WITH 0.425" HEX DIE
F. APPLY HEAT SHRINK TUBING OVER FERRULE.

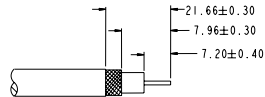
6. RECOMMENDED TORQUE APPLIED ON HEX NUT: 7-10 IN-LBS

7. SHOWS CABLE ENTRY DIMENSIONS.

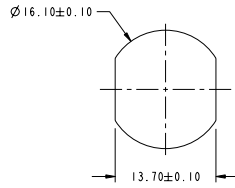
THIRD-ANGLE PROJ.

REVISIONS

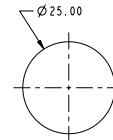
REV	DESCRIPTION	DATE	ECO	APPR
A	RELEASE TO MFG.	05-Feb-13	49027	DD
B	ADD ARC LOGO TO BODY AND AMPHENOL RF TO HST VRD-DM13082201J8	30-Aug-13	49619	RLB
C	MODIFIED CONTACT VRD-DM14082601M3	30-Sep-14		SH
D	CRIMP WAS 0.532"	12-Feb-15	50404	JN



RECOMMENDED CABLE STRIPPING

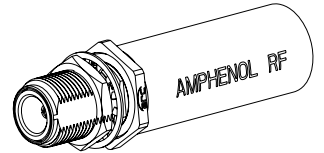


RECOMMENDED
MOUNTING HOLE DIMENSIONS

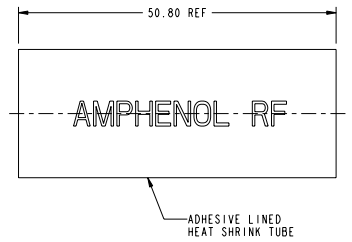
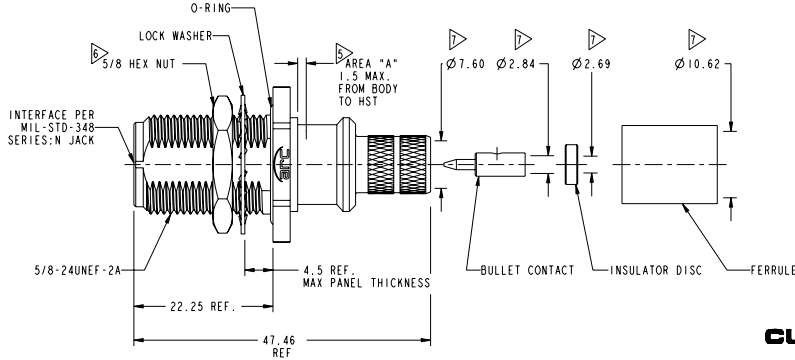
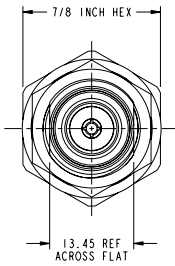


SCALE 1.000

MIN PASS THRU DIAMETER



SCALE 1.200



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°

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

SEE NOTES

REFERENCE

CONFIGURATION LEVEL: In Work

FINISH

DRAWN

S. DUAN

ENGINEER

D. DAVE

APPROVED

S. HSIEH

CAD FILE

DATE

06-Mar-15

DATE

12-Sept-11

DATE

09-Mar-15

TITLE

N, JACK STR BHD IP-67
FOR LMR-400 CABLE

SCALE: 1.7:1.0

DWG SIZE

B

SHEET

2 OF 2

REV

D

Amphenol RF
www.amphenolrf.com

DRAWING NO. 82-6512

ITEM NO. 82-6512

PART NO. 82-6512