

NOTES:

1. MATERIALS AND FINISHES:

BODY

- BRASS, NICKEL PLATING

CONTACT

- BeCu, GOLD PLATING

CONTACT

- BRASS, GOLD PLATING

INSULATOR

- PTFE

FERRULE

- SEAMLESS COPPER TUBE, 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:

-40° C TO +85° C

4. PACKAGING:

A. QUANTITY:

SINGLE PACK

B. MARKING:

BAG TO BE MARKED
"AMPHENOLRF, 31-6505, AND DATE CODE"

5. RECOMMENDED CABLE ASSEMBLY INSTRUCTIONS:

A. TRIM CABLE AS SHOWN.

B. SLIDE HEAT SHRINK TUBING, FERRULE AN INSULATOR DISC ONTO CABLE.

C. SOLDER CABLE CENTER CONDUCTOR TO BULLET CONTACT.

D. INSERT CABLE WITH FOIL ENTERING CONNECTOR AND BRAID OVER KNURL.

E. CRIMP FERRULE OVER BRAID WITH 0.213" HEX DIE.

F. APPLY HEAT SHRINK TUBING OVER FERRULE.

G. HEAT SHRINK TUBING SHOULD FULLY (360 DEG) COVER THE BUMP ON BODY AND END WITHIN AREA "A"

6. SHOWS CABLE ENTRY DIMENSIONS.

7/16-28UNEF-2A

13 MM
HEX

AREA "A"
1.50 MAX.
FROM BODY TO HST

Ø 3.25

Ø 1.30

Ø 1.18

Ø 5.33

30.08
REF

38.10
REF

INTERFACE PER
MIL-STD-348
TNC SERIES

BULLET CONTACT

INSULATOR DISC

FERRULE

ADHESIVE LINED
HEAT SHRINK TUBE

THIRD ANGLE PROJ.

RECOMMENDED
CABLE STRIPPING DIM'S

14.95±0.40

6.55±0.40

4.50±0.40

45°X0.20

Ø 14.37

MIN PASS THRU DIAMETER

SCALE 2.000

REVISIONS

REV	DESCRIPTION	DATE	ECO	APPR
A	RELEASE TO MFG.	18-Jul-12	48952	DD
B	ADD ARC LOGO TO BODY & AMPHENOL RF TO HST \\RD-DMI3082201J8	30-Aug-13	49619	RLB

AMPHENOL RF

SCALE 1.500

CUSTOMER OUTLINE DRAWING

ALL OTHER SHEETS ARE FOR INTERNAL USE ONLY

UNLESS OTHERWISE SPECIFIED, DIMENSIONS ARE IN METRIC AND TOLERANCES ARE:

<0.5mm

0.5 - 6mm

6 - 30mm

30 - 120mm

ANGLES

± 0.05mm

±0.1mm

±0.2mm

± 0.3mm

±1°

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MATERIAL

-

REFERENCE

PTCIP67

FINISH

DRAWN

J.CHEN

ENGINEER

D.DAVE

APPROVED

S.HSIEH

CAD FILE

DATE

30-Aug-13

DATE

06-Sep-11

DATE

04-Sep-13

TITLE

TNC STR JACK IP-67
FOR LMR-200 CABLE

SCALE: 3.5:1.0

SHEET 2 OF 2

DWG SIZE

B

REV

B

Amphenol RF

www.amphenolrf.com

DRAWING NO.31-6505

ITEM NO. 31-6505

PART NO. 31-6505

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