

- NOTES:
1. MATERIALS AND FINISHES:
- | | |
|--------------------|-----------------------------------|
| BODY | - BRASS, NICKEL PLATING |
| CONTACT | - BeCu, GOLD PLATING |
| BULLET CONTACT | - BRASS, GOLD PLATING |
| INSULATORS | - PTFE |
| COUPLING NUT | - BRASS, NICKEL PLATING |
| RETAINING RING | - PHOSPHOR BRONZE, NICKEL PLATING |
| GASKET | - SILICONE RUBBER |
| FERRULE | - COPPER, 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.

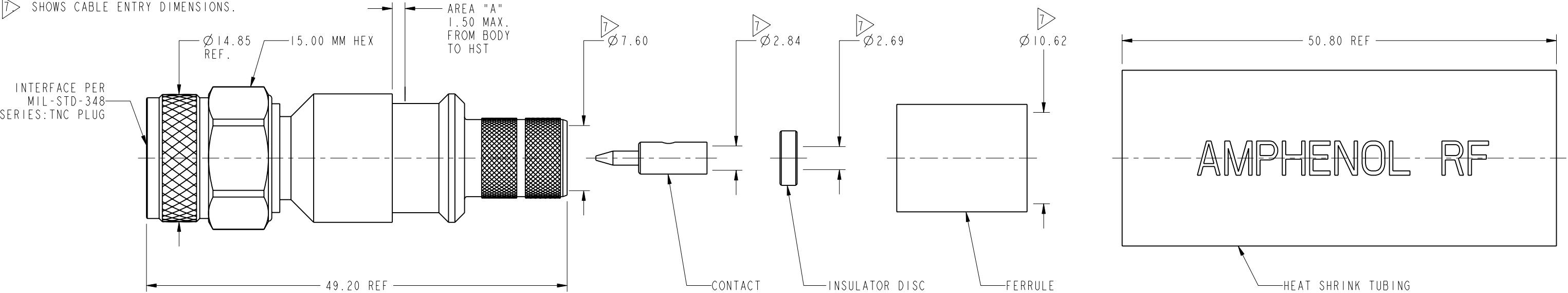
3. MECHANICAL:
- A. DURABILITY: 500 CYCLES MIN.
- B. TEMPERATURE RANGE: -65° C TO +165° C

4. PACKAGING:
- A. QUANTITY: SINGLE PACK
- B. MARKING: BAG TO BE MARKED
"AMPHENOL RF, 31-6672, 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 .429" 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. RECOMMENDED COUPLING TORQUE : 6-10 IN-LBS

7 SHOWS CABLE ENTRY DIMENSIONS.



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
EAR # 6415

CONFIGURATION LEVEL: In Work

FINISH

DRAWN
S.DUAN

DATE
01-Jul-16

ENGINEER
S.SEYAL

DATE
27-Aug-14

APPROVED
S.HSIEH

DATE
01-Jul-16

CAD FILE

TITLE
TNC STR PLUG, IP-67
FOR LMR-400 CABLE

SCALE: 2.2:1.0 SHEET 2 OF 2

DWG SIZE
B

REV
A

Amphenol RF

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DRAWING NO.31-6672

ITEM NO.31-6672

PART NO.31-6672