

NOTES:

1. MATERIALS AND FINISHES:

FERRULE

BODY & COUPLING NUT

CONTACT

INSULATOR

GASKET

RING

DISC INSULATOR

- BRASS, NICKEL PLATING

- BRASS,NICKEL PLATING

- BRASS, GOLD PLATING

- PTFE, NATURAL

- SILICONE RUBBER, RED

- DELRIN, NATURAL

- ULTEM 1000, NATURAL
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 "AMPHENOL RF, 31-6822, AND DATE CODE"
5. CABLE ASSEMBLY INSTRUCTIONS:

A. TRIM CABLE AS SHOWN.

B. SLIDE FERRULE ONTO CABLE.

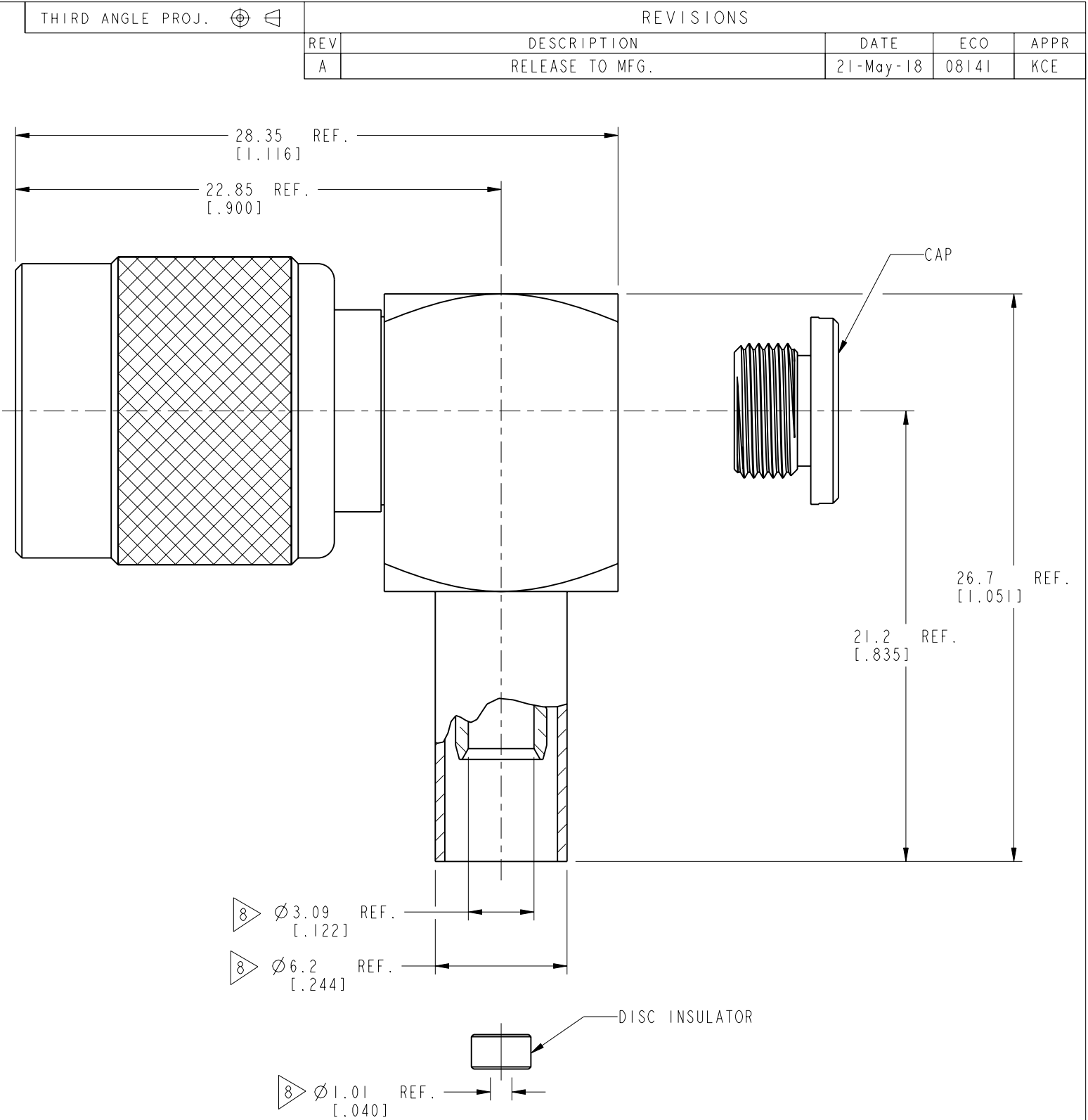
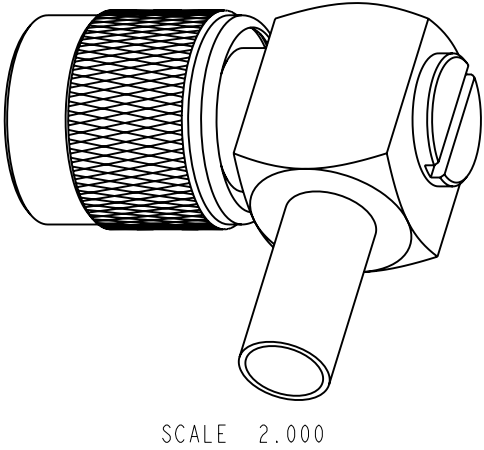
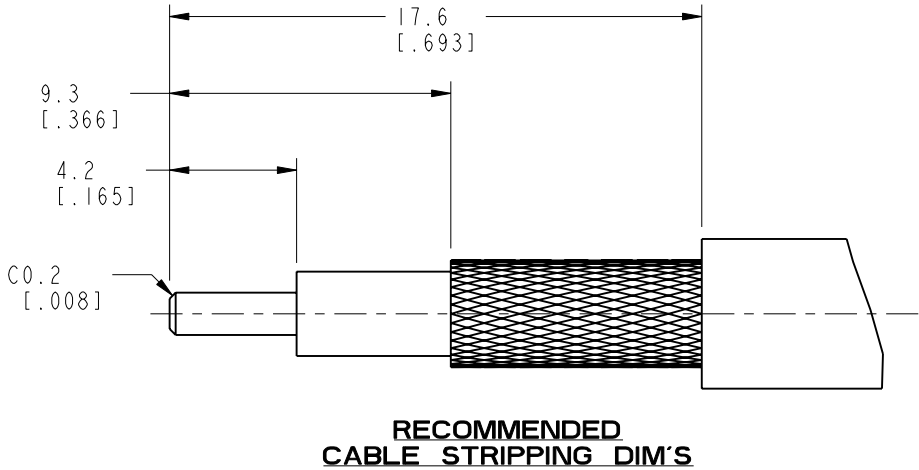
C. INSERT CABLE WITH FOIL ENTERING CONNECTOR AND BRAID OVER KNURL

D. SOLDER CABLE CENTER CONDUCTOR TO CONTACT.

E. CRIMP FERRULE OVER BRAID WITH .213" HEX DIE.
6. CAP ASSEMBLY INSTRUCTIONS:

A. ASSEMBLE CAP TO BODY WITH 6-10 IN-LBS TORQUE.
7. RECOMMENDED COUPLING TORQUE : 4-6 IN-LBS.

8 SHOWS CABLE ENTRY DIMENSIONS.



|                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                       |                                      |                      |                   |                                         |  |                                   |  |
|---------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------|--------------------------------------|----------------------|-------------------|-----------------------------------------|--|-----------------------------------|--|
| UNLESS OTHERWISE SPECIFIED, DIMENSIONS ARE IN METRIC AND TOLERANCES ARE:<br><0.5mm ± 0.05mm    0.5 - 6mm ±0.1mm    6 - 30mm ±0.2mm    30 - 120mm ± 0.3mm    ANGLES ±1°                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                | MATERIAL                             | DRAWN<br>M. ZHANG    | DATE<br>22-May-18 | TITLE<br>TNC R/A PLUG<br>FOR LMR-195-UF |  | Amphenol RF<br>www.amphenolrf.com |  |
|                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                       |                                      | ENGINEER<br>K. ELMES | DATE<br>21-May-18 |                                         |  |                                   |  |
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|                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                       | CONFIGURATION LEVEL: In Work         | CAD FILE             |                   | DWG SIZE<br>B                           |  | ITEM NO.    31-6822               |  |
|                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                       | FINISH                               |                      |                   | REV<br>A                                |  | PART NO.    31-6822               |  |