## OSM Right Angle Cable Plug Crimp Attachment 1052080-1, 1327121-1, 1052081-1, and 1061840-1

Instruction Sheet 408–4684 08 FEB 00 Rev O EC 0990-0122-00

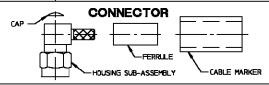
#### CONNECTOR **TYPE**

OSM RIGHT ANGLE CABLE PLUG CRIMP ATTACH

### CABLE TYPE

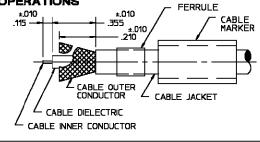
**TOOLS REQUIRED:** 

LOCATOR TOOL: 2098-5218-02 (T-2367) RG 180/U, 195 CRIMP TOOL: 2098-0105-54 DIE NO. D



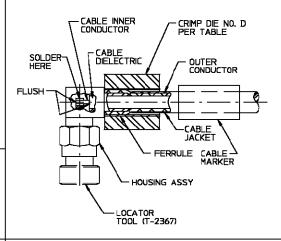
#### ASSEMBLY OPERATIONS

- 1.0 PREPARE COAXIAL CABLE END.
  - 1.1 PLACE CABLE MARKER AND FERRULE ON CABLE.
  - 1.2 REMOVE END PORTION OF CABLE JACKET TO EXPOSE CABLE OUTER CONDUCTOR.
  - 1.3 TRIM OUTER CONDUCTOR TO LENGTH. 1.4 TRIM CABLE DIELECTRIC TO LENGTH.
  - 1.5 TRIM INNER CONDUCTOR TO LENGTH.
  - 1.6 FLARE OUTER CONDUCTOR.

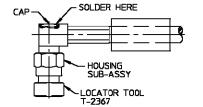


- 2.0 SOLDERING OF CABLE INNER CONDUCTOR HOUSING SUB-ASSEMBLY.
  - SECURE LOCATOR TOOL TO THREADS OF HOUSING SUB-ASSEMBLY.
  - POSITION AND SECURE HOUSING SUB-ASSEMBLY IN A SMALL BENCH VISE.
  - TIN INNER CONDUCTOR OF CABLE.
  - INSERT CABLE INTO HOUSING SUB-ASSEMBLY
    - 2.4.1. NEST INNER CONDUCTOR IN CONTACT SLOT
    - 2.4.2. HOLD CABLE DIELECTRIC AND
  - INNER CONDUCTOR FLUSH AS SHOWN.
    PLACE SOLDERING IRON ON TIP OF CONTACT AND SOLDER
- 3.0 CRIMPING OF CABLE SUB-ASSEMBLY TO HOUSING SUB-ASSEMBLY.

  3.1 SLIDE FERRULE OVER FLARED
  - PORTION OF OUTER CONDUCTOR.
  - CRIMP FERRULE IN PLACE.
  - TRIM AND REMOVE EXCESS OUTER CONDUCTOR STRANDS.

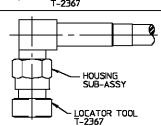


- 4.0 SEAL OPENING IN HOUSING 4.1 PRESS CAP INTO OPENING IN REAR HOUSING SUB-ASSEMBLY.
  CAP MAY BE EPOXIED INTO
  - PLACE. DO NOT ALLOW EPOXY TO PENETRATE INSIDE HOUSING.
  - REMOVE LOCATOR TOOL. 4.3



- 5.0 SHRINK CABLE MARKER TO CABLE
  - 5.1 POSITION CABLE MARKER OVER FERRULE AS SHOWN.
  - APPLY INDIRECT HEAT WITH THERMO GUN TO CABLE MARKER.

  - REMOVE LOCATOR TOOL.
    ASSEMBLY IS NOW COMPLETE



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