

Connector Installation instructions for a  
N-FEMALE Clamp-on for LMR-500

Connector part number:

# 3190-215

TC-500-NFC

ADDS : 1.000"

REV. B DATE: 2-14-97

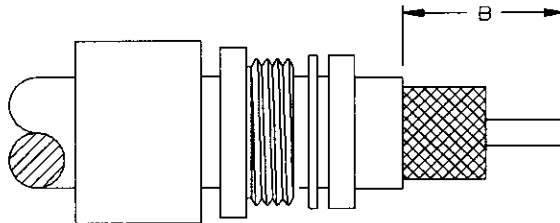
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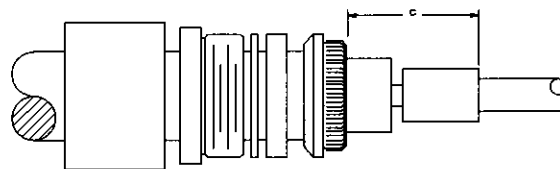
**STEP 3.** Expose outer braid.  $B = 0.650''$

Be careful not to nick the braids when removing the cable jacket.

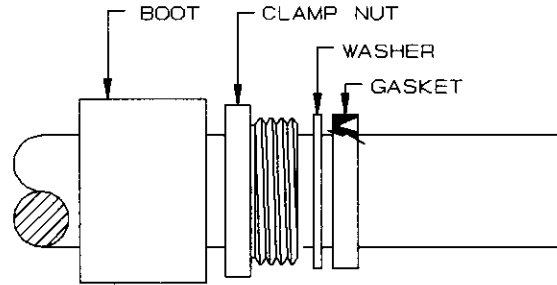


**STEP 6.** Install contact.  $C = 0.480'' - 0.550''$

Solder on the contact using 60/40 solder. Feed solder thru solder hole while heating the contact.

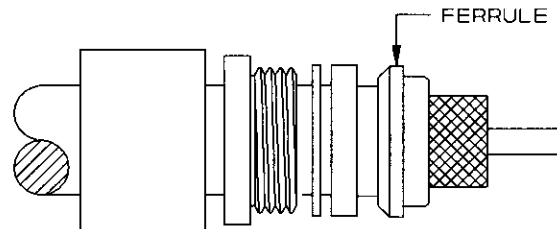


**STEP 1.** Flush cut end of cable using a fine saw blade. Cut cable so that end remains round and face of cable is perpendicular to its length. Slide on: Shrink boot, Clamp nut, Washer, Gasket.



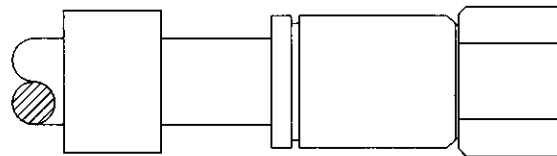
**STEP 4.** Slide on the Ferrule.

Make sure all braids come up thru the Ferrule as shown on the drawing.



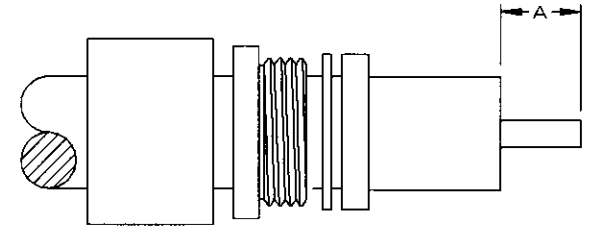
**STEP 7.** Install connector body onto cable.

Check for proper pin height. Apply Loctite 242 (blue) to Clamp nut threads. Thread Clamp nut into conn body. Torque to 50 in-lbs. Check pin height.



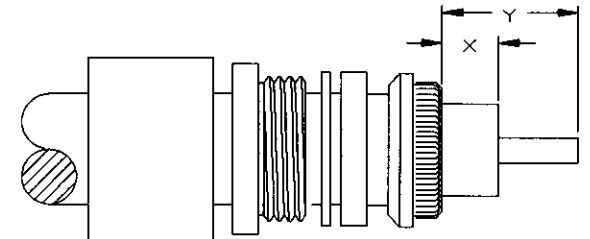
**STEP 2.** Expose conductor.  $A = 0.300''$

Cut thru cable jacket, braids, and dielectric core. Do not nick the cable conductor.



**STEP 5.** Flare out braids & fold them back onto Ferrule. Trim braids to shoulder as shown.

Trim core back to this dimension:  $X = 0.030''$  MAX  
Trim conductor back to this dimension:  $Y = 0.420''$



**STEP 8.** Install strain relief boot.

Position boot onto connector body. Apply hot air until boot is smoothly seated onto both cable and connector. Use only adhesive lined shrink boot.

