

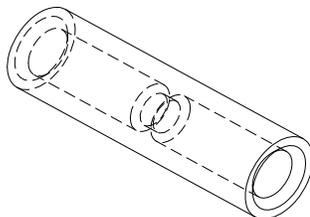


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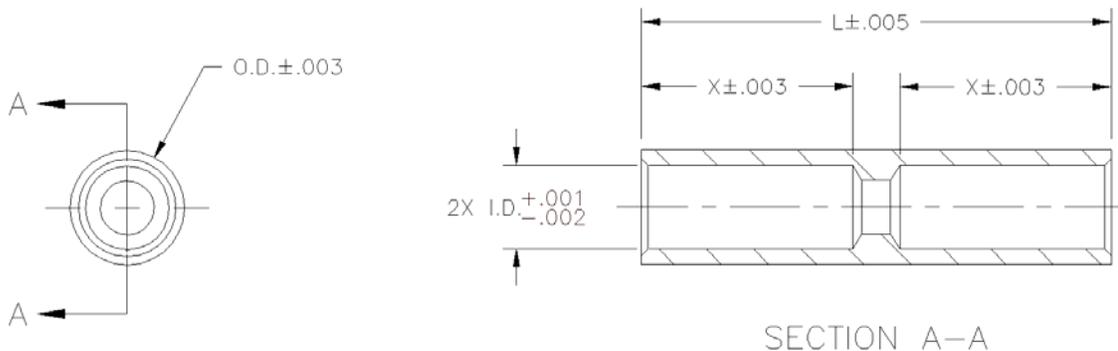
email: sales@shp-seals.com - website: www.shp-seals.com

**SOLDER SLEEVE**



These solder sleeves provide a convenient method for making in line splices for attaching wires to feedthru, header or connector pins. They are self fixturing on the pin and both the wire and the pin solder joints are made in a single solder operation (refer to page 2 for application sequence). Shrink sleeving can then be slid into place and shrunk to prevent pin to pin shorts.

| PRODUCT APPLICATION   | PART NO.  | L    | OD   | ID   | X    | RECOMMENDED STRANDED WIRE SIZE |
|---|-----------|------|------|------|------|--------------------------------|
| .020/.021 Diameter Pin Feedthrus, Headers, HMMD Series Connectors       | SPLC-2144 | .140 | .034 | .025 | .063 | 26 AWG                         |
| .025 Diameter Pin Feedthrus, Headers, HSMHE and HMMHE Series Connectors | SPLC-2544 | .175 | .042 | .029 | .080 | 24 AWG                         |
| .030 Diameter Pin Feedthrus and Headers                                 | SPLC-3044 | .175 | .047 | .036 | .080 | 22 AWG                         |
| .035/.040 Diameter Pin Feedthrus and Headers                            | SPLC-4044 | .175 | .055 | .044 | .080 | 20 AWG                         |



- NOTES: (1) Material is Brass.  
 (2) Standard plating is 300 microinches minimum matte, TIN/LEAD per AMS-P-81728 over 100-200 microinches Electroless NICKEL per MIL-C-26074.

**All dimensions are inches.**



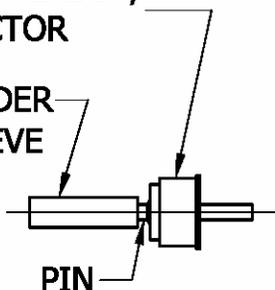
**SOLDER SLEEVE**

**APPLICATION SEQUENCE**

**A**

**FEEDTHRU, HEADER,  
OR CONNECTOR**

**SOLDER  
SLEEVE**



**INSTALL SOLDER SLEEVE ONTO PIN**

**B**

**SOLDER SLEEVE**

**STRIPPED WIRE**

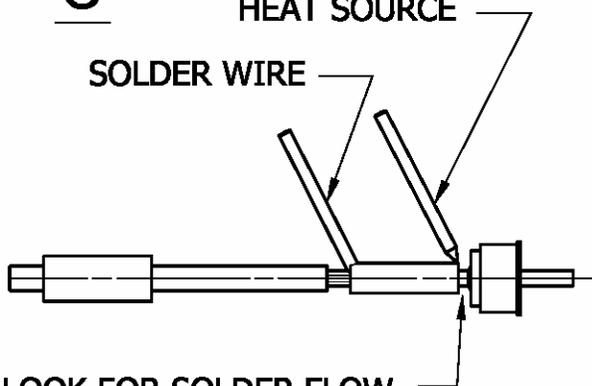


**INSTALL SHRINK SLEEVE ONTO  
WIRE, AND INSERT STRIPPED  
WIRE INTO SOLDER SLEEVE  
UNTIL IT STOPS**

**C**

**HEAT SOURCE**

**SOLDER WIRE**

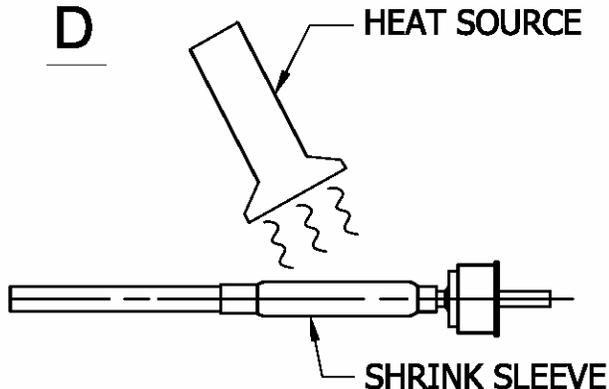


**LOOK FOR SOLDER FLOW**

**APPLY HEAT TO PIN END OF  
SOLDER SLEEVE . APPLY  
SOLDER TO WIRE END OF  
SOLDER SLEEVE UNTIL  
SOLDER APPEARS AT PIN END.**

**D**

**HEAT SOURCE**



**CLEAN SOLDER JOINTS, SLIDE  
SHRINK SLEEVE FORWARD AND  
HEAT TO SHRINK.  
(IF THERE ARE MULTIPLE PINS TO  
BE SPLICED, STEP "D" MIGHT BE  
UNDERTAKEN AFTER ALL SOLDER  
SPICES ARE COMPLETED.)**