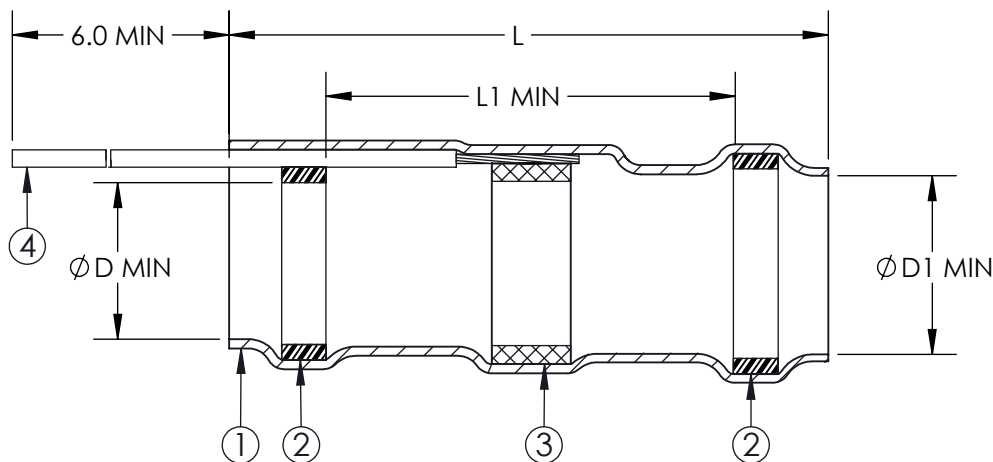


| REV | REVISION RECORD                                                             | ECN     | BY | APVL | DATE     |
|-----|-----------------------------------------------------------------------------|---------|----|------|----------|
| -   | NEW DRAWING                                                                 | 041107  | NC | JMM  | 4/11/07  |
| A   | CHANGE DRW FORMAT TO SW AND MERGE INTO 1 PAGE, UPDATE REFERENCES            | C230280 | MA | TT   | 1/3/23   |
| B   | CORRECTED TYPOGRAPHICAL ERROR ON TITLE BLOCK, CHANGE AS83518/2 TO AS83519/2 | C240293 | MA | WK   | 11/11/24 |



| SAE<br>AS83519/2<br>PART<br>NUMBERS | MARKING<br>CODE | SUMITOMO<br>PART<br>NUMBER | STS DIMENSIONS |           |            |             | CABLE MEASUREMENTS |            |            |            |             |
|-------------------------------------|-----------------|----------------------------|----------------|-----------|------------|-------------|--------------------|------------|------------|------------|-------------|
|                                     |                 |                            | L<br>±.070     | L1<br>MIN | Ø D<br>MIN | Ø D1<br>MIN | ØD2<br>MAX         | ØD3<br>MIN | ØD4<br>MAX | ØD4<br>MIN | L2<br>±.030 |
| AS83519/2-11                        | S0211S          | H-ML-11                    | 0.650          | 0.325     | 0.075      | 0.105       | 0.105              | 0.035      | 0.075      | 0.020      | .290        |
| AS83519/2-12                        | S0212S          | H-ML-12                    |                |           | 0.105      | 0.145       | 0.145              | 0.055      | 0.105      | 0.030      |             |
| AS83519/2-13                        | S0213S          | H-ML-13                    |                |           | 0.170      | 0.200       | 0.200              | 0.085      | 0.170      | 0.050      |             |
| AS83519/2-14                        | S0214S          | H-ML-14                    | .750           |           | 0.235      | 0.255       | 0.255              | 0.130      | 0.235      | 0.070      |             |
| AS83519/2-15                        | S0215S          | H-ML-15                    |                |           | 0.275      | 0.300       | 0.300              | 0.170      | 0.275      | 0.100      |             |

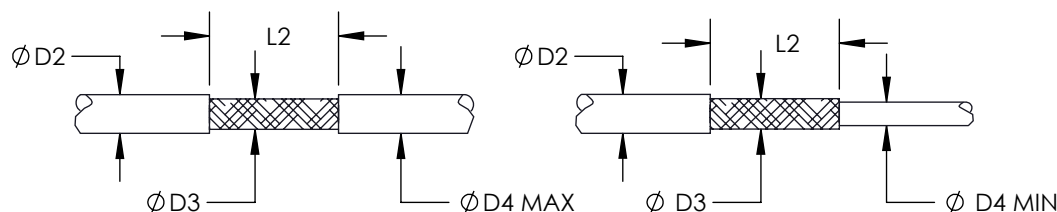
#### MATERIALS:

1. INSULATION SLEEVE: HEAT-SHRINKABLE, RADIATION CROSSLINKED, MODIFIED POLYVINYLIDENE FLUORIDE. COLOR = TRANSPARENT BLUE.
2. MELTABLE SEALING RING: THERMALLY STABILIZED THERMOPLASTIC. COLOR= BLUE.
3. SOLDER PREFORM: ALLOY - SN63 WITH RED THERMOCHROMIC INDICATOR, EUTECTIC AT 183° C, PER IPC-J-STD-006. FLUX: ROL 1 TYPE RMA FLUX FOR SILVER OR TIN APPLICATIONS, PER IPC-J-STD-004.
4. PRE-INSTALLED WIRE LEAD PER MIL-W-22759/32-24-90.

#### APPLICATION NOTES:

1. THESE PRODUCTS ARE TESTED AND QUALIFIED TO SAE AS83519/2 STANDARDS AND ARE LISTED ON THE QPL (CLASS I).
2. PLEASE REFER TO THE SUMITOMO ELECTRIC STS INSTALLATION GUIDE FOR RECOMMENDED ASSEMBLY INFORMATION.
3. TEMPERATURE RANGE: -55°C TO +150°C.

#### RECOMMENDED CABLE PREPARATION



#### AN SEIP STS PRODUCT

|                                                          |                                             |                                                                                                                                                                                                                                                       |                      |                |                                        |                                                                                             |                                                                                                                         |        |
|----------------------------------------------------------|---------------------------------------------|-------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------|----------------------|----------------|----------------------------------------|---------------------------------------------------------------------------------------------|-------------------------------------------------------------------------------------------------------------------------|--------|
| UNLESS OTHERWISE SPECIFIED DIMENSIONS ARE IN INCHES      | CAGECODE: 1JX75                             | <b>PROPRIETARY AND CONFIDENTIAL</b><br>THIS DRAWING AND ALL PARTS THEREOF IS AND SHALL REMAIN THE PROPERTY OF SEIP AND MAY NOT BE REPRODUCED FOR ANY PURPOSE WITHOUT SEIP WRITTEN CONSENT AND SHALL BE RETURNED TO US ON DEMAND. ALL RIGHTS RESERVED. |                      |                |                                        | <b>SUMITOMO ELECTRIC INTERCONNECT PRODUCTS, INC.</b> 915 Armorlite Dr. San Marcos, CA 92069 | DRAWING TITLE: SOLDER TERMINATION SLEEVE WITH PRE-INSTALLED 24 AWG LEAD, ENVIRONMENT RESISTANT, SAE AS83519/2 QUALIFIED | REV: B |
|                                                          | SIZE: A                                     |                                                                                                                                                                                                                                                       |                      |                |                                        |                                                                                             |                                                                                                                         |        |
| TOLERANCES<br>LINEAR .0 - N/A<br>.00 - N/A<br>.000 - N/A | SCALE: N/A                                  | DCN: C23-0280                                                                                                                                                                                                                                         | DRAWN BY: M AGUILAR  | DATE: 1/3/23   | DWG. NO.: H-ML-X (11-15) SAE AS83519/2 | SHEET: 1-1                                                                                  |                                                                                                                         |        |
|                                                          | REPLACES: H-ML-SAE AS83519/2 (11-15) REV. 1 | CAD NO: HML11-15                                                                                                                                                                                                                                      | APPROVED BY: Kim Won | DATE: 11/11/24 |                                        |                                                                                             |                                                                                                                         |        |