

DATE	SYM	REVISION RECORD	AUTH	DR

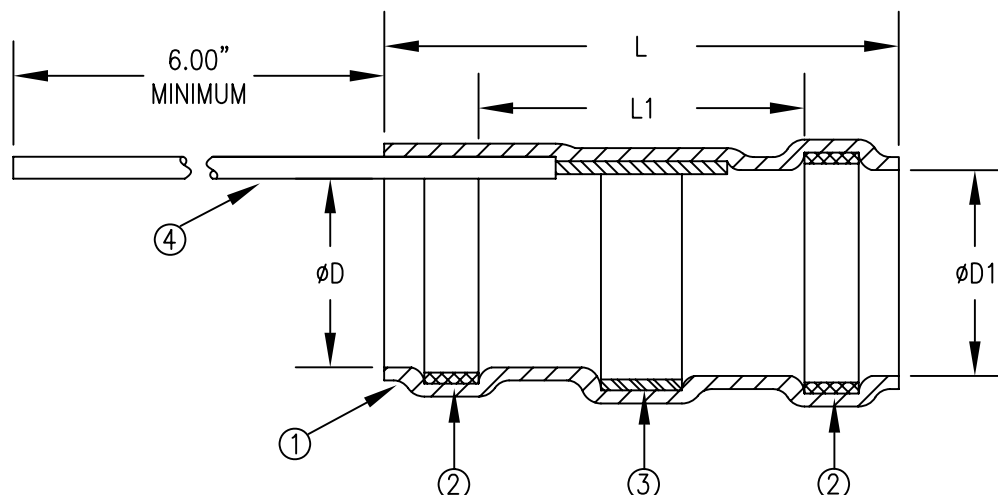


TABLE I: PRODUCT DETAILS

SAE AS83519/2 PART NUMBER	MARKING CODE *CLASS II NO "SQ" PREFIX	SUMITOMO PART NUMBER *CLASS II ADD -C2 SUFFIX	L ± .070	L1 MINIMUM	ØD MINIMUM	ØD1 MINIMUM
AS83519/2-1	S0201S	H-ML-1	.650	.325	.075	.105
AS83519/2-2	S0202S	H-ML-2	.650	.325	.105	.145
AS83519/2-3	S0203S	H-ML-3	.650	.325	.170	.200
AS83519/2-4	S0204S	H-ML-4	.750	.325	.235	.255
AS83519/2-5	S0205S	H-ML-5	.750	.325	.275	.300

MATERIALS:

- ① INSULATION SLEEVE:
HEAT-SHRINKABLE, RADIATION CROSSLINKED, MODIFIED POLYVINYLIDENE FLUORIDE.
COLOR = TRANSPARENT BLUE.
- ② MELTABLE SEALING RING:
THERMALLY STABILIZED THERMOPLASTIC. COLOR = 2 BLUE.
- ③ SOLDER PREFORM:
ALLOY - Sn63 WITH RED THERMOCHROMIC INDICATOR, EUTECTIC AT 183°C. PER ANSI-J-STD-006.
*(CLASS II = NO RED THERMOCHROMIC INDICATOR)
FLUX - ROL1 TYPE RMA FLUX FOR SILVER OR TIN APPLICATIONS. PER ANSI-J-STD-004.
- ④ PRE-INSTALLED WIRE LEAD PER MIL-W-22759/32-20-90.

DIMENSIONS ARE IN INCHES TOLERANCES: (EXCEPT AS NOTED) LINEAR 0.0 = N/A 0.00 = N/A 0.000 = N/A ANGULAR 0° = N/A 0°0' = N/A 0°00' = N/A		915 ARMORLITE DR., SAN MARCOS, CA 92069	
An STS PRODUCT DRAWN N. CANADAY 04-11-07 APPROVED Jon M. Mills 04-11-07 OTHER REF. SAE AS83519/2 (1-5) ORIG. DATE 04-11-07		TITLE: SOLDER TERMINATION SLEEVE WITH PRE-INSTALLED LEAD ENVIRONMENT RESISTANT. SAE AS83519/2 QUALIFIED. DRAWING NUMBER: H-ML-X SAE AS83519/2 (1-5) REPLACES DWG NO.: SAE AS83519/2 SCALE: NONE CAD NO. H-ML-X SAE AS83519/2 (1-5) SHEET 1 OF 2	

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RECOMMENDED CABLE PREPARATIONS:

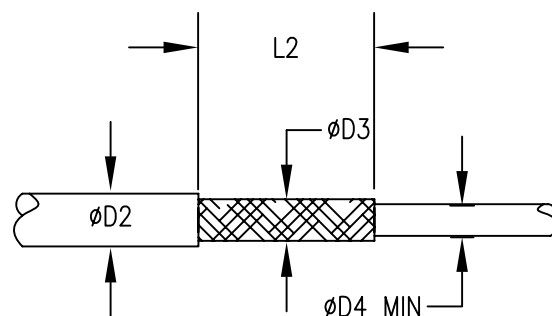
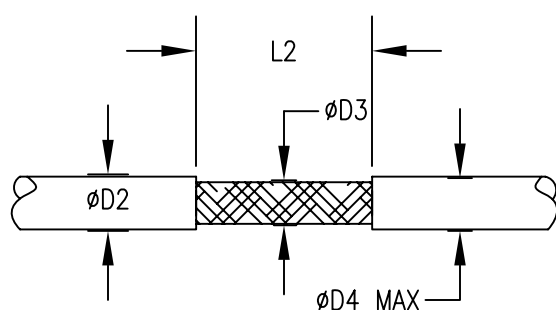


TABLE II: CABLE PREPARATION MEASUREMENTS

SUMITOMO PART NUMBER *CLASS II ADD -C2 SUFFIX	ØD2 MAXIMUM	ØD3 MINIMUM	ØD4 MAXIMUM	ØD4 MINIMUM	L2 RANGE
H-ML-1	.105	.035	.075	.020	.250-.325
H-ML-2	.145	.055	.105	.030	.250-.325
H-ML-3	.200	.085	.170	.050	.250-.325
H-ML-4	.255	.130	.235	.070	.250-.325
H-ML-5	.300	.170	.275	.100	.250-.325

NOTES:

- THESE PRODUCTS ARE TESTED AND QUALIFIED TO SAE AS83519/2 STANDARDS AND ARE LISTED ON THE QPL (CLASS I). PLEASE REFER TO THE SUMITOMO ELECTRIC STS INSTALLATION GUIDE FOR RECOMMENDED ASSEMBLY INFORMATION.
- TEMPERATURE RANGE: -55°C TO +150°C.
- SEIP CAGE CODE: 1JX75.

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An STS PRODUCT DRAWN N. CANADAY 04-11-07 APPROVED Jon M. Mills 04-11-07 OTHER REF. SAE AS83519/2 (1-5) ORIG. DATE 04-11-07		TITLE: SOLDER TERMINATION SLEEVE WITH PRE-INSTALLED LEAD ENVIRONMENT RESISTANT. SAE AS83519/2 QUALIFIED. DRAWING NUMBER: H-ML-X SAE AS83519/2 (1-5) REPLACES DWG NO.: SAE AS83519/2 SCALE: NONE CAD NO. H-ML-X SAE AS83519/2 (1-5)	
		SHEET	2 OF 2