

DATE	SYM	REVISION RECORD	AUTH	DR

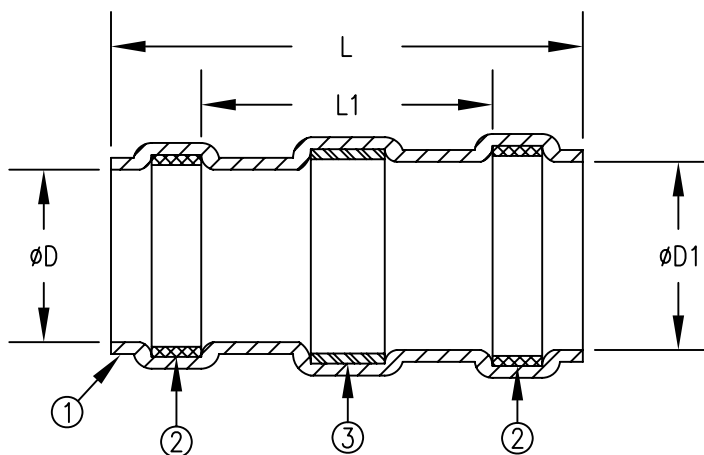


TABLE I: PRODUCT DETAILS

SAE AS83519/1 PART NUMBER	MARKING CODE <small>*CLASS II NO "SO" PREFIX</small>	SUMITOMO PART NUMBER <small>*CLASS II ADD -C2 SUFFIX</small>	L $\pm .070$	L1 MINIMUM	$\phi D$ MINIMUM	$\phi D1$ MINIMUM
AS83519/1-1	S0101S	H-M-1	.650	.325	.075	.105
AS83519/1-2	S0102S	H-M-2	.650	.325	.105	.145
AS83519/1-3	S0103S	H-M-3	.650	.325	.170	.200
AS83519/1-4	S0104S	H-M-4	.750	.325	.235	.255
AS83519/1-5	S0105S	H-M-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.

DIMENSIONS ARE IN INCHES TOLERANCES: (EXCEPT AS NOTED)		 915 ARMORLITE DR., SAN MARCOS, CA 92069	
LINEAR	ANGULAR		
0.0 = N/A	0° = N/A	TITLE: SOLDER TERMINATION SLEEVE, ENVIRONMENT RESISTANT SAE AS83519/1 QUALIFIED.	
0.00 = N/A	0°0' = N/A		
0.000 = N/A	0°00' = N/A		
An STS PRODUCT		DRAWING NUMBER:	
DRAWN	N. CANADAY	H-M-X (SAE AS83519/1)	
APPROVED	Jon M. Mills	REPLACES DWG NO.: SAE AS83519/1	
OTHER REF.	SAE AS83519/1	SCALE:	CAD NO.
		NONE	H-M-X (SAE AS83519/1)
ORIG. DATE	04-12-07	SHEET	1 OF 2

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RECOMMENDED CABLE PREPARATIONS:

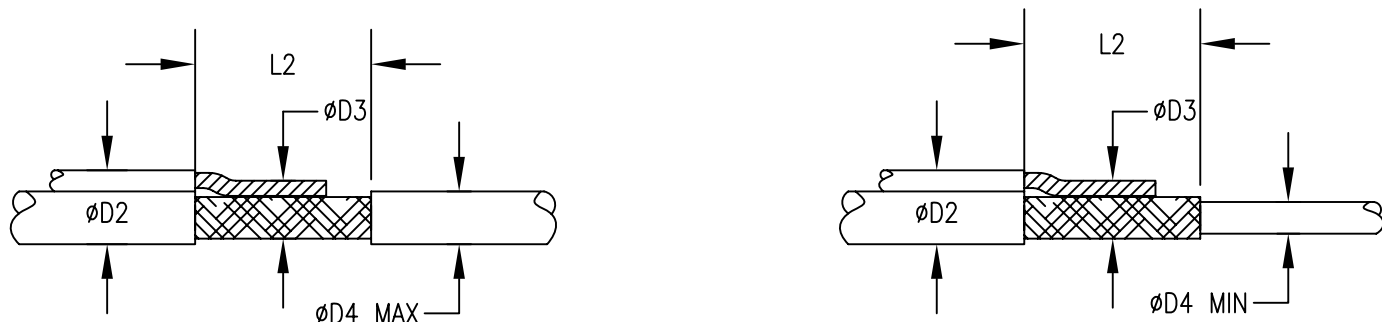


TABLE II: CABLE PREPARATION MEASUREMENTS

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

NOTES:

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

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			TITLE: SOLDER TERMINATION SLEEVE, ENVIRONMENT RESISTANT SAE AS83519/1 QUALIFIED.	
DRAWN N. CANADAY	04-12-07	DRAWING NUMBER: H-M-X (SAE AS83519/1)	REV -	
APPROVED Jon M. Mills	04-12-07	REPLACES DWG NO.: SAE AS83519/1		
OTHER REF. SAE AS83519/1	ORIG. DATE 04-12-07	SCALE: NONE	CAD NO. H-M-X (SAE AS83519/1)	SHEET 2 OF 2