

DATE	SYM	REVISION RECORD	AUTH	DR

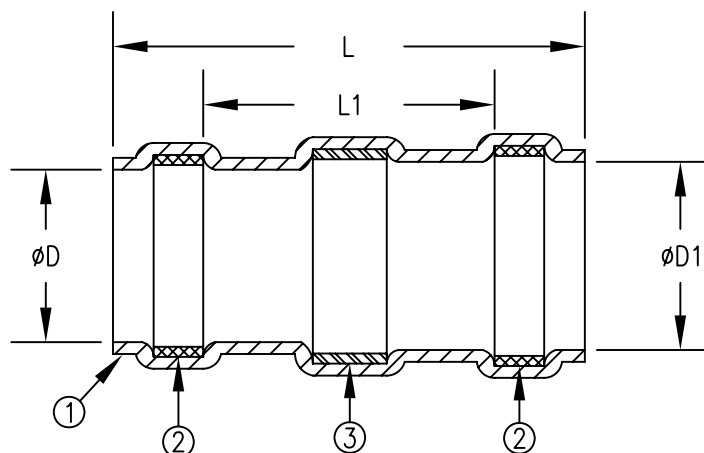


TABLE I: PRODUCT DETAILS

SAE AS83519/1 PART NUMBER	MARKING CODE *CLASS II NO "SO" PREFIX	SUMITOMO PART NUMBER *CLASS II ADD -C2 SUFFIX	L ± .070	L1 MINIMUM	ØD MINIMUM	ØD1 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 POLYVINYLDENE 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) 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			 SUMITOMO ELECTRIC INTERCONNECT PRODUCTS, INC. 915 ARMORLITE DR., SAN MARCOS, CA 92069	
TITLE: SOLDER TERMINATION SLEEVE, ENVIRONMENT RESISTANT SAE AS83519/1 QUALIFIED.			DRAWING NUMBER: H-M-X (SAE AS83519/1)	
DRAWN N. CANADAY 04-12-07			REPLACES DWG NO.: SAE AS83519/1	
APPROVED Jon M. Mills 04-12-07			SCALE: NONE	
OTHER REF. SAE AS83519/1			CAD NO. H-M-X (SAE AS83519/1)	
ORIG. DATE 04-12-07			SHEET 1 OF 2	

DATE	SYM	REVISION RECORD	AUTH	DR

RECOMMENDED CABLE PREPARATIONS:

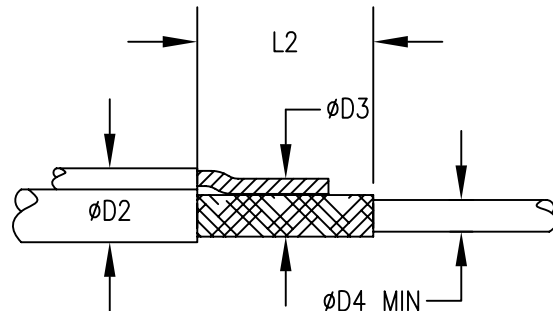
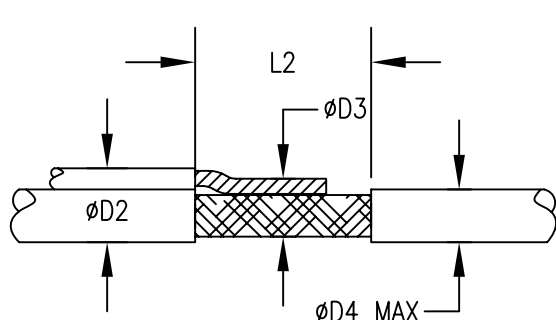


TABLE II: CABLE PREPARATION MEASUREMENTS

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:

- 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.
- TEMPERATURE RANGE: -55°C TO +150°C.
- SEIP CAGE CODE: 1JX75.

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