

DATE	REV	REVISION RECORD	REVISED BY	APPROVED BY
02-17-16	A	QPL SAE AS83519 APPROVAL	M AGUILAR	M AGUILAR

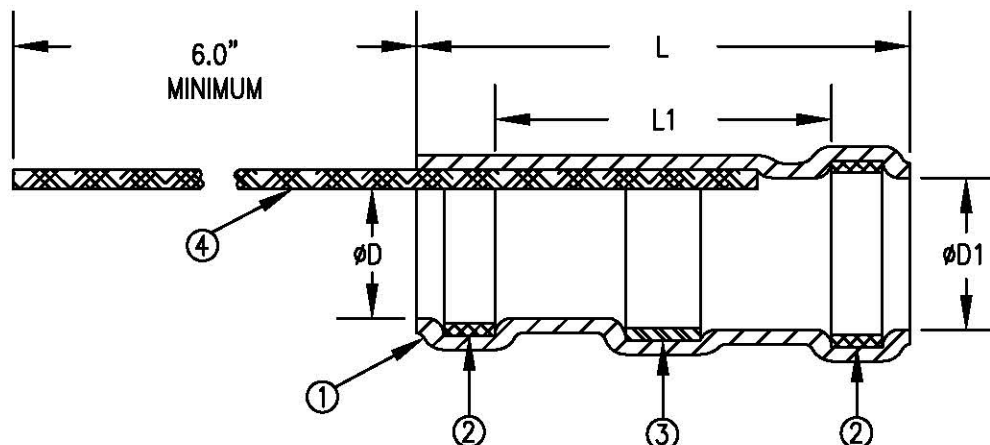


TABLE I: PRODUCT DETAILS

SAE AS83519/3 PART NUMBER	⑤ MARKING CODE *CLASS II NO "S0" PREFIX	SUMITOMO PART NUMBER *CLASS II ADD -C2 SUFFIX	L ± .070	L1 MIN	ØD MIN	ØD1 MIN
AS83519/3-16	S0316S	H-MB-16	.650	.325	.075	.104
AS83519/3-17	S0317S	H-MB-17	.650	.325	.104	.140
AS83519/3-18	S0318S	H-MB-18	.650	.325	.169	.197
AS83519/3-19	S0319S	H-MB-19	.776	.325	.234	.254
AS83519/3-20	S0320S	H-MB-20	.776	.325	.276	.299

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, MELTS 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 BRAID, FLAT, TIN PLATED STRANDS, 1000CMA, 8X5X36 CONSTRUCTION, PRE-TINNED.
- ⑤ MARKING CODE APPLIED TO SLEEVE.

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	
An STS PRODUCT DRAWN D. SHOUDY 02-11-15 APPROVED M. JOHNSON 02-11-15 OTHER REF. SAE AS83519/3 (16-20) ORIG. DATE 02-11-15			TITLE: SOLDER TERMINATION SLEEVE WITH PRE-INSTALLED BRAID ENVIRONMENTAL RESISTANT. SAE AS83519/3 QUALIFIED. DRAWING NUMBER: H-MB-X SAE AS83519/3 (16-20)	
			SCALE: NONE CAD NO. H-MB-X SAE AS83519/3 (16-20)	REV A SHEET 1 OF 2

RECOMMENDED CABLE PREPARATIONS:

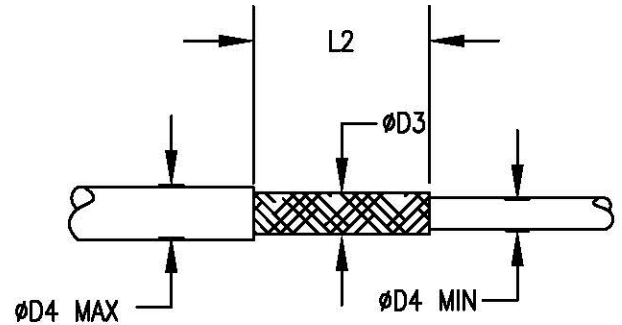
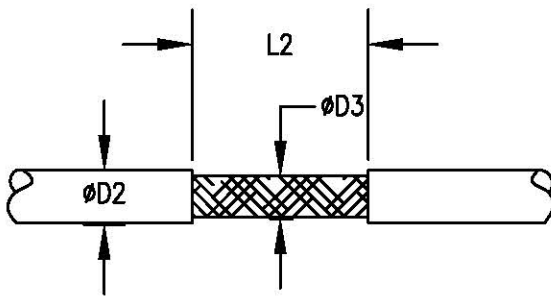


TABLE II: CABLE PREPARATION MEASUREMENTS

SUMITOMO PART NUMBER	$\phi D2$ MAXIMUM	$\phi D3$ MINIMUM	$\phi D4$ MAXIMUM	$\phi D4$ MINIMUM	L2 RANGE
H-MB-16	.075	.035	.104	.020	.270-.330
H-MB-17	.104	.055	.140	.030	.270-.330
H-MB-18	.169	.085	.197	.050	.270-.330
H-MB-19	.234	.130	.254	.070	.270-.330
H-MB-20	.276	.169	.299	.100	.270-.330

NOTES:

- PLEASE REFER TO THE SUMITOMO ELECTRIC STS INSTALLATION GUIDE FOR RECOMMENDED ASSEMBLY INFORMATION.
- TEMPERATURE RANGE: -55°C TO $+150^{\circ}\text{C}$.

 SUMITOMO ELECTRIC INTERCONNECT PRODUCTS, INC.		
915 ARMORLITE DR., SAN MARCOS, CA 92069		
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DRAWING NUMBER: H-MB-X SAE AS83519/3 (16-20)		REV A
SCALE: NONE	CAD NO. H-MB-X SAE AS83519/3 (16-20)	SHEET 2 OF 2