

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

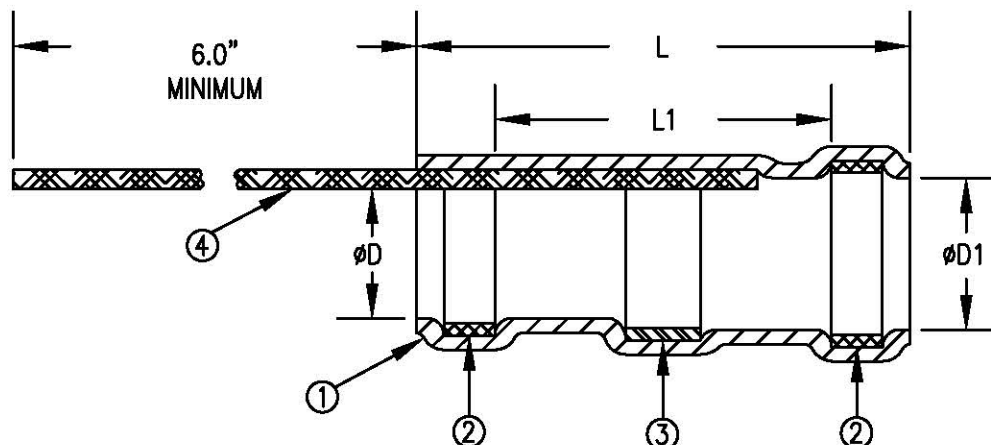


TABLE I: PRODUCT DETAILS

SAE AS83519/5 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
AS83519/5-6	S0506S	H-HMB-6	.650	.325	.075	.105
AS83519/5-7	S0507S	H-HMB-7	.650	.325	.104	.140
AS83519/5-8	S0508S	H-HMB-8	.650	.325	.169	.197
AS83519/5-9	S0509S	H-HMB-9	.776	.325	.234	.254
AS83519/5-10	S0510S	H-HMB-10	.776	.325	.276	.299

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 - Sn96 WITH RED THERMOCHROMIC INDICATOR, MELTS AT 221°C. PER ANSI-J-STD-006.
*(CLASS II = NO RED THERMOCHROMIC INDICATOR)
FLUX - ROM1 TYPE RA FLUX FOR NICKEL APPLICATIONS. PER ANSI-J-STD-004.
- ④ PRE-INSTALLED BRAID, FLAT, NICKEL PLATED STRANDS, 640CMA, 8X5X38 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			915 ARMORLITE DR., SAN MARCOS, CA 92069	
An STS PRODUCT DRAWN D. SHOUDY 02-10-15 APPROVED M. JOHNSON 02-10-15 OTHER REF. SAE AS83519/5 (6-10) ORIG. DATE 02-10-15			TITLE: SOLDER TERMINATION SLEEVE WITH PRE-INSTALLED BRAID ENVIRONMENTAL RESISTANT. SAE AS83519/5 QUALIFIED. DRAWING NUMBER: H-HMB-X SAE AS83519/5 (6-10)	
			SCALE: NONE CAD NO. H-HMB-X SAE AS83519/5 (6-10)	REV A SHEET 1 OF 2

RECOMMENDED CABLE PREPARATIONS:

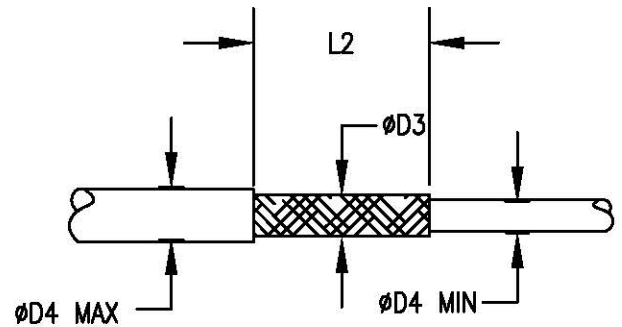
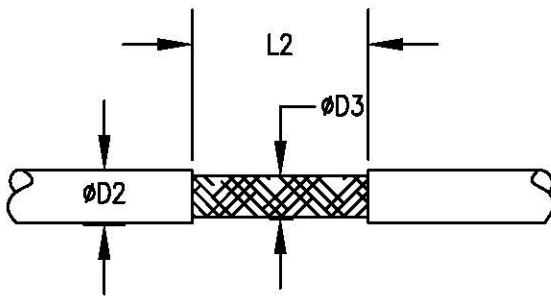


TABLE II: CABLE PREPARATION MEASUREMENTS

SUMITOMO PART NUMBER	ØD2 MAXIMUM	ØD3 MINIMUM	ØD4 MAXIMUM	ØD4 MINIMUM	L2 RANGE
H-HMB-6	.075	.035	.105	.020	.270-.330
H-HMB-7	.104	.055	.140	.030	.270-.330
H-HMB-8	.169	.085	.197	.050	.270-.330
H-HMB-9	.234	.130	.254	.070	.270-.330
H-HMB-10	.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 +175°C.

 SUMITOMO ELECTRIC INTERCONNECT PRODUCTS, INC.		
915 ARMORLITE DR., SAN MARCOS, CA 92069		
TITLE: SOLDER TERMINATION SLEEVE WITH PRE-INSTALLED BRAID ENVIRONMENTAL RESISTANT. SAE AS83519/5 QUALIFIED.		
DRAWING NUMBER: H-HMB-X SAE AS83519/5 (6-10)		REV A
SCALE: NONE	CAD NO. H-HMB-X SAE AS83519/5 (6-10)	SHEET 2 OF 2