

DATE	SYM	REVISION RECORD	AUTH	DR

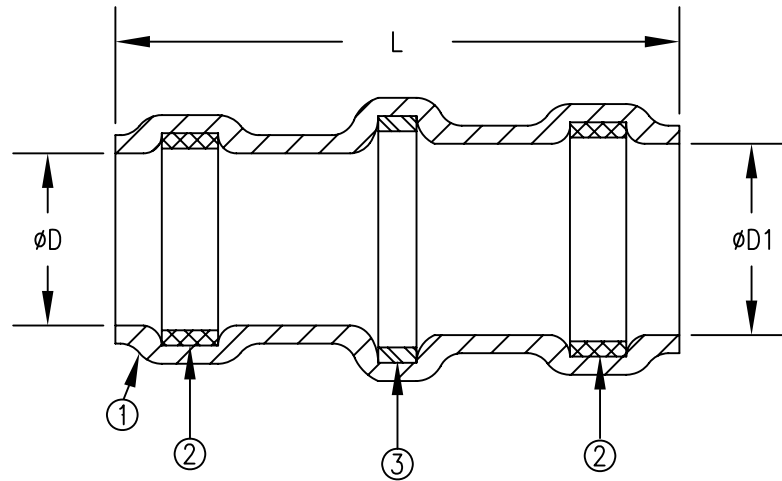



TABLE I: PRODUCT DETAILS

NAS 1744 PART NUMBER	MARKING CODE	SUMITOMO PART NUMBER	L $\pm .062$	ϕD MINIMUM	$\phi D1$ MINIMUM
1746-1	1746-1	H-I-1	.590	.075	.095
1746-2	1746-2	H-I-2	.590	.110	.125
1746-3	1746-3	H-I-3	.590	.180	.200
1746-9	1746-9	H-I-4	.590	.235	.250
1746-4	1746-4	H-I-5	.590	.280	.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 EUTECTIC AT 183°C. PER ANSI-J-STD-006.
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		
915 ARMORLITE DR., SAN MARCOS, CA 92069		TITLE: SOLDER TERMINATION SLEEVE IMMERSION RESISTANT. NAS 1746 QUALIFIED	
An STS PRODUCT		DRAWING NUMBER: H-I-X NAS 1746	
DRAWN N. CANADAY	04-02-07	REPLACES DWG NO.: NAS 1746-HI	REV -
APPROVED Jon M. Mills	04-02-07	SCALE: NONE	CAD NO. H-I-X NAS 1746
OTHER REF. NAS 1746	ORIG. DATE 04-02-07	SHEET 1 OF 2	

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RECOMMENDED CABLE PREPARATIONS:



TABLE II: CABLE PREPARATION MEASUREMENTS

SUMITOMO PART NUMBER	ØD2 MAXIMUM	ØD3 MINIMUM	ØD4 MAXIMUM	ØD4 MINIMUM	L2 RANGE
H-I-1	.095	.035	.075	.020	.250-.325
H-I-2	.125	.055	.110	.030	.250-.325
H-I-3	.200	.085	.180	.050	.250-.325
H-I-4	.250	.130	.235	.070	.250-.325
H-I-5	.300	.170	.280	.100	.250-.325

NOTES:

1. THESE PRODUCTS ARE TESTED AND QUALIFIED TO NAS 1746 STANDARDS PLEASE REFER TO THE SUMITOMO ELECTRIC STS INSTALLATION GUIDE FOR RECOMMENDED ASSEMBLY INFORMATION.
2. TEMPERATURE RANGE: -55°C TO +150°C.
3. THE H-I-X SERIES IS DESIGNED FOR INFRARED HEAT TOOLS.

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