

DATE	SYM	REVISION RECORD	AUTH	DR
5-28-09	A	Correct part number from NAS 1744-XX to NAS 1744-X	MRJ	SRM

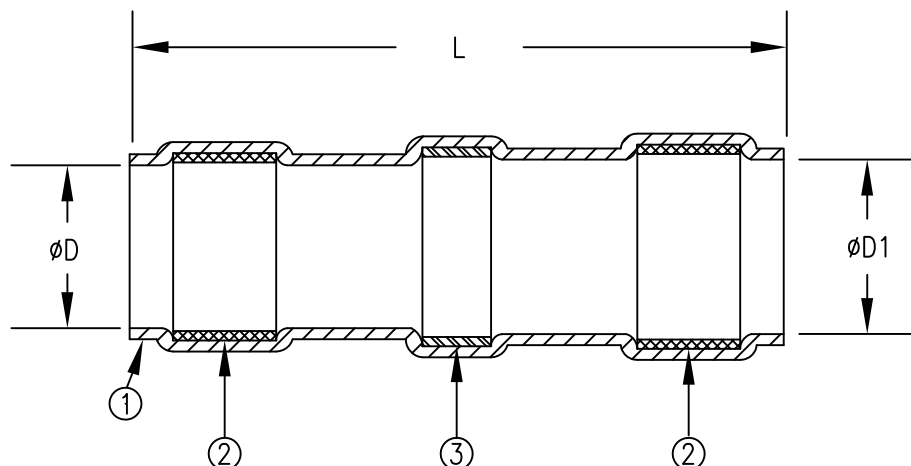


TABLE I: PRODUCT DETAILS

NAS 1744 PART NUMBER	MARKING CODE	SUMITOMO PART NUMBER	L ± .062	øD MINIMUM	øD1 MINIMUM
1744-1	1744-01	H-C4-1	1.125	.075	.095
1744-2	1744-02	H-C4-2	1.125	.110	.125
1744-3	1744-03	H-C4-3	1.125	.180	.200
1744-4	1744-04	H-C4-4	1.125	.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 CLEAR
- ③ SOLDER PREFORM:
ALLOY - Sn63 WITH RED THERMOCHROMIC INDICATOR, 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	ANGULAR	915 ARMORLITE DR., SAN MARCOS, CA 92069	
0.0 = N/A	0° = N/A	TITLE: SOLDER TERMINATION SLEEVE, IMMERSION RESISTANT. NAS 1744 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-C4-X (1-4) NAS 1744	
APPROVED	Jon M. Mills	REPLACES DWG NO. NAS 1744	
OTHER REF.	ORIG. DATE	SCALE:	CAD NO.
NAS 1744	03-28-07	NONE	H-C4-X (1-4) NAS 1744
		SHEET	1 OF 2

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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-C4-1	.095	.035	.075	.020	.250-.325
H-C4-2	.125	.055	.110	.030	.250-.325
H-C4-3	.200	.085	.180	.050	.250-.325
H-C4-4	.300	.170	.280	.100	.250-.325

NOTES:

- THESE PRODUCTS ARE TESTED AND QUALIFIED TO NAS 1744 STANDARDS PLEASE REFER TO THE SUMITOMO ELECTRIC STS INSTALLATION GUIDE FOR RECOMMENDED ASSEMBLY INFORMATION.
- TEMPERATURE RANGE: -55°C TO $+150^{\circ}\text{C}$.

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, IMMERSION RESISTANT. NAS 1744 QUALIFIED	
DRAWN N. CANADAY 03-28-07 APPROVED Jon M. Mills 03-28-07 OTHER REF. NAS 1744	ORIG. DATE 03-28-07	DRAWING NUMBER: H-C4-X (1-4) NAS 1744 REPLACES DWG NO.: NAS 1744		REV A
SCALE: NONE		CAD NO. H-C4-X (1-4) NAS 1744	SHEET 2 OF 2	