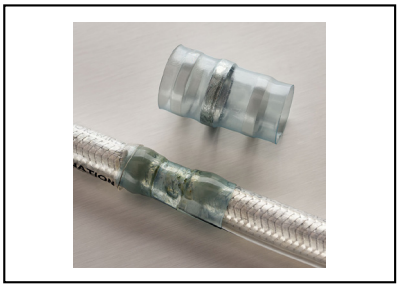
H-C / H-C4 / H-C5 SERIES

SOLDER TERMINATION SLEEVES, IMMERSION RESISTANT, NAS 1745 / NAS 1744 QUALIFIED, HIGH TEMPERATURE CONVECTION HEATED

PRODUCT FEATURES;



- **IMMERSION RESISTANT SOLDER TERMINATION SLEEVES; NAS 1745 (H-C, H-C5) AND NAS 1744 (H-C4) QUALIFIED**
- **HIGH TEMPERATURE, CONVECTION HEATED**
- **Sn63 SOLDER PREFORM, EUTECTIC AT 183 °C**
- **CONTINUOUS OPERATING TEMPERATURE: -55 °C TO +150 °C**
- **NOT ROHS COMPLIANT**

BASIC PROPERTIES

- **INSULATION SLEEVE : HEAT-SHRINKABLE, RADIATION CROSSLINKED, MODIFIED POLYVINYLIDENE FLUORIDE (TRANSPARENT BLUE)**
- **MELTABLE SEALING RINGS : THERMALLY STABILIZED THERMOPLASTIC (H-C: TWO CLEAR; H-C4 / H-C5: ONE CLEAR, ONE BLUE)**
- **SOLDER PREFORM : Sn63 ALLOY, EUTECTIC AT 183 °C, PER ANSI-J-STD-006**
- **FLUX : H-C: ROL1 TYPE RMA (TIN OR SILVER); H-C4 / H-C5: ROM1 TYPE RA (NICKEL); PER ANSI-J-STD-004**
- **SHRINK RATIO : N/A; SHRINK TEMPERATURE : N/A; FLAMMABILITY : N/A**
- **ENVIRONMENTAL COMPLIANCE : NOT ROHS COMPLIANT**
- **INDUSTRY : AEROSPACE, SOLDER TERMINATION**
- **SPECIFICATIONS / APPROVALS : NAS 1745 (H-C, H-C5); NAS 1744 (H-C4)**

STS DIMENSIONS (INCHES)

H-C SERIES

NAS 1745 PART NUMBER	SUMITOMO PART NUMBER	L ±.062	ØD MIN	ØD1 MIN
1745-1	H-C-1	.625	.075	.095
1745-2	H-C-2	.625	.110	.125
1745-3	H-C-3	.625	.180	.200
1745-17	H-C-4	.750	.235	.255
1745-4	H-C-5	.750	.280	.300
N/A	H-C-5.5	.900	.355	.410
1745-18	H-C-6	1.100	.440	.460
1745-19	H-C-7	1.100	.525	.545

H-C4 SERIES

NAS 1744 PART NUMBER	SUMITOMO PART NUMBER	L ±.062	ØD MIN	ØD1 MIN
1744-1	H-C4-1	1.125	.075	.095
1744-2	H-C4-2	1.125	.110	.125
1744-3	H-C4-3	1.125	.180	.200
1744-4	H-C4-4	1.125	.280	.300
1744-5	H-C4-5	1.125	.075	.095
1744-6	H-C4-6	1.125	.110	.125
1744-7	H-C4-7	1.125	.180	.200
1744-8	H-C4-8	1.125	.280	.300

*For reference use only. H-C4 AND H-C5 DIMENSIONS CONTINUE ON PAGE 2.

H-C / H-C4 / H-C5 SERIES

SOLDER TERMINATION SLEEVES, IMMERSION RESISTANT, NAS 1745 / NAS 1744 QUALIFIED, HIGH TEMPERATURE CONVECTION HEATED

STS DIMENSIONS (INCHES)

H-C5 SERIES

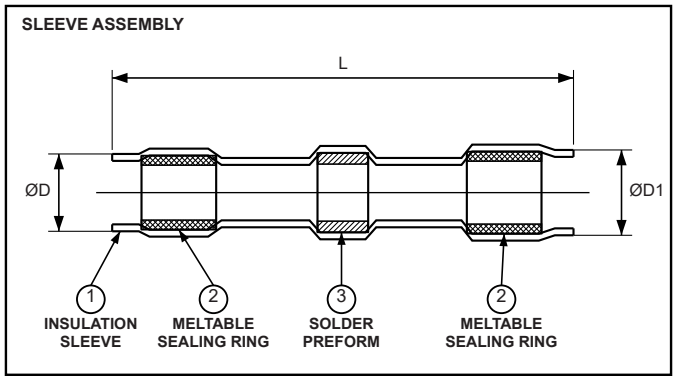
NAS 1745 PART NUMBER	SUMITOMO PART NUMBER	L ±.062	ØD MIN	ØD1 MIN
1745-5	H-C5-5	.625	.075	.095
1745-6	H-C5-6	.625	.110	.125
1745-7	H-C5-7	.625	.180	.200
1745-8	H-C5-8	.750	.280	.300
1745-20	H-C5-20	.750	.235	.255
1745-21	H-C5-21	1.100	.440	.460
1745-22	H-C5-22	1.100	.525	.545

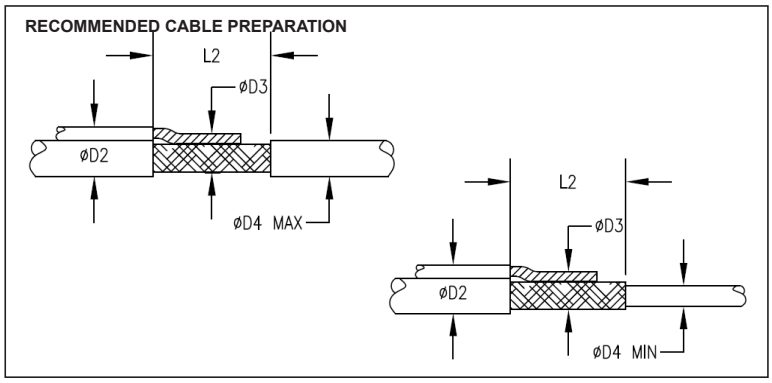
*For reference use only

MATERIALS

COMPONENT	H-C SERIES	H-C4 / H-C5 SERIES
1. INSULATION SLEEVE	HEAT-SHRINKABLE, RADIATION CROSSLINKED, MODIFIED PVDF. COLOR = TRANSPARENT BLUE.	SAME AS H-C.
2. MELTABLE SEALING RING	THERMALLY STABILIZED THERMOPLASTIC. COLOR = 2 CLEAR.	THERMALLY STABILIZED THERMOPLASTIC. COLOR = 1 CLEAR, 1 BLUE.

SLEEVE ASSEMBLY AND CABLE PREPARATION





SLEEVE PROFILE ILLUSTRATIVE. DATA PER DWG. H-C-X NAS 1745 REV. A; H-C4-X (5-8) NAS 1744 REV. A; H-C5-XX NAS 1745 REV. A.

APPLICATION NOTES

1. H-C AND H-C5 ARE TESTED AND QUALIFIED TO NAS 1745 STANDARDS; H-C4 TO NAS 1744 STANDARDS. PLEASE REFER TO THE SUMITOMO ELECTRIC STS INSTALLATION GUIDE FOR RECOMMENDED ASSEMBLY INFORMATION.
2. TEMPERATURE RANGE: -55 °C TO +150 °C.

SUMITOMO ELECTRIC INTERCONNECT PRODUCTS, INC.

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SUMITOMO ELECTRIC GROUP

DIMENSIONS ARE SHOWN FOR REFERENCE PURPOSES AND SUBJECT TO CHANGE WITHOUT NOTICE.

2026/10