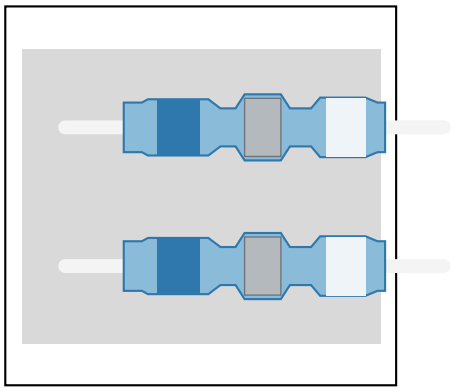
H-I SERIES (NAS 1746)

SOLDER TERMINATION SLEEVES, IMMERSION RESISTANT, NAS 1746 QUALIFIED

PRODUCT FEATURES;

- IMMERSION RESISTANT SOLDER TERMINATION SLEEVE; NAS 1746 QUALIFIED
- H-I-X-3 SERIES DESIGNED FOR INFRARED HEAT TOOLS
- 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 (ONE BLUE, ONE CLEAR)
- SOLDER PREFORM : SN63 ALLOY, EUTECTIC AT 183 °C, PER ANSI-J-STD-006
- FLUX : ROL1 TYPE RA FLUX FOR NICKEL APPLICATIONS, PER ANSI-J-STD-004
- SHRINK RATIO : N/A; SHRINK TEMPERATURE : N/A; FLAMMABILITY : PER NAS 1746
- ENVIRONMENTAL COMPLIANCE : NOT ROHS COMPLIANT
- INDUSTRY : AEROSPACE, SOLDER TERMINATION
- SPECIFICATIONS / APPROVALS : NAS 1746

STS DIMENSIONS (INCHES) :

NAS 1746 PART NUMBER	SUMITOMO PART NUMBER	L ±.062	ØD MIN	ØD1 MIN
1746-1	H-I-1	.590	.075	.095
1746-2	H-I-2	.590	.110	.125
1746-3	H-I-3	.590	.180	.200
1746-9	H-I-4	.590	.235	.250
1746-4	H-I-5	.590	.280	.300
1746-5	H-I-1-3	.590	.075	.095
1746-6	H-I-2-3	.590	.110	.125
1746-7	H-I-3-3	.590	.180	.200
1746-10	H-I-4-3	.590	.235	.250
1746-8	H-I-5-3	.590	.280	.300

*For reference use only

SUMITOMO ELECTRIC GROUP

H-I SERIES (NAS 1746)

SOLDER TERMINATION SLEEVES, IMMERSION RESISTANT, NAS 1746 QUALIFIED

CABLE PREPARATION MEASUREMENTS (INCHES)

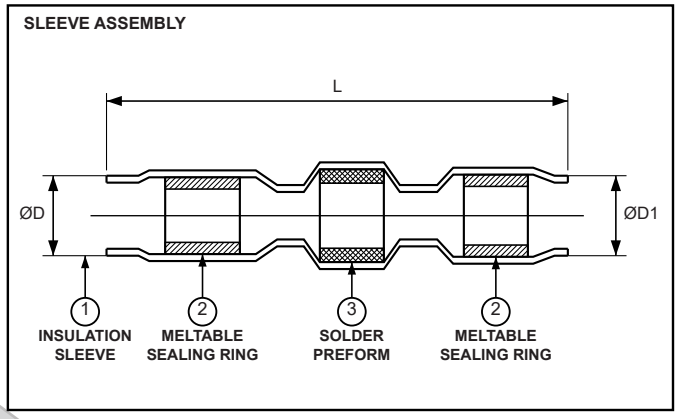
SUMITOMO PART NUMBER	ØD2 MAX	ØD3 MIN	ØD4 MAX	ØD4 MIN	L2 RANGE
H-I-1, H-I-1-3	.095	.035	.075	.020	.250 - .325
H-I-2, H-I-2-3	.125	.055	.110	.030	.250 - .325
H-I-3, H-I-3-3	.200	.085	.180	.050	.250 - .325
H-I-4, H-I-4-3	.250	.130	.235	.070	.250 - .325
H-I-5, H-I-5-3	.300	.170	.280	.100	.250 - .325

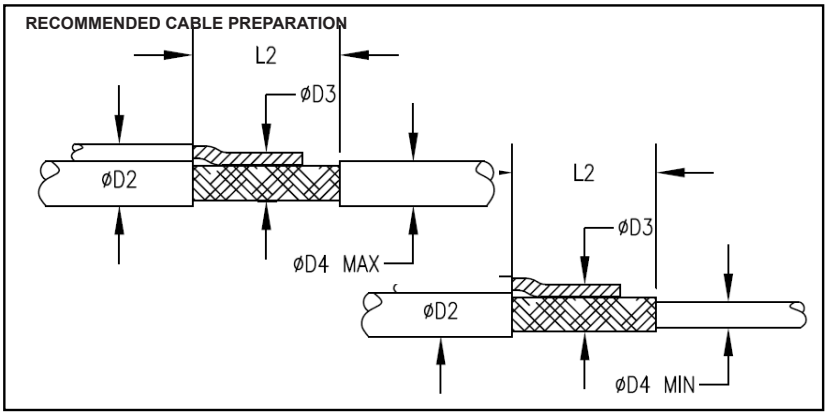
MATERIALS

1. INSULATION SLEEVE	HEAT-SHRINKABLE, RADIATION CROSSLINKED, MODIFIED POLYVINYLIDENE FLUORIDE. COLOR = TRANSPARENT BLUE.
2. MELTABLE SEALING RING	THERMALLY STABILIZED THERMOPLASTIC. COLOR = 1 BLUE; 1 CLEAR.

APPLICATION 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-3 SERIES IS DESIGNED FOR INFRARED HEAT TOOLS.





ORDERING INFORMATION

SUMITOMO PART NUMBERS	H-I-1 THROUGH H-I-5 AND H-I-1-3 THROUGH H-I-5-3
NAS 1746 PART NUMBERS	1746-1 THROUGH 1746-10 (SEE CROSS-REFERENCE ON PAGE 1)

SUMITOMO ELECTRIC INTERCONNECT PRODUCTS, INC.

915 ARMORLITE DR. SAN MARCOS, CA 92069

760-761-0600 **info@SEIPUSA.COM**

SUMITOMO ELECTRIC GROUP

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