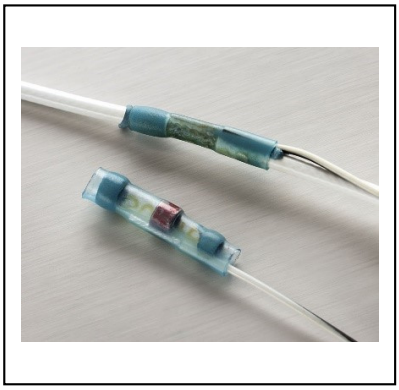
H-HML SERIES

SOLDER TERMINATION SLEEVES WITH PRE-INSTALLED WIRE LEAD, IMMERSION RESISTANT, 175 °C MAX

PRODUCT FEATURES;



- **IMMERSION RESISTANT, ENVIRONMENT RESISTANT SOLDER SHIELD TERMINATOR WITH PRE-INSTALLED WIRE LEAD**
- **MEETS PERFORMANCE REQUIREMENTS OF SAE-AS83519**
- **CONTINUOUS OPERATING TEMPERATURE: -55 °C TO +175 °C**
- **Sn96 SOLDER PREFORM WITH RED THERMOCHROMIC INDICATOR**
- **ROHS COMPLIANT**

BASIC PROPERTIES

- **INSULATION SLEEVE : HEAT-SHRINKABLE, RADIATION CROSSLINKED, MODIFIED POLYVINYLIDENE FLUORIDE (TRANSPARENT BLUE)**
- **MELTABLE SEALING RINGS : THERMALLY STABILIZED THERMOPLASTIC (TWO BLUE)**
- **SOLDER PREFORM : Sn96 WITH RED THERMOCHROMIC INDICATOR, MELTING POINT AT 221 °C, PER ANSI-J-STD-006**
- **FLUX : ROM1 TYPE RA FLUX FOR NICKEL APPLICATIONS, PER ANSI-J-STD-004**
- **PRE-INSTALLED WIRE LEAD : PER MIL-W-22759/41 (SEE MATERIALS)**
- **SHRINK RATIO : N/A; SHRINK TEMPERATURE : N/A; FLAMMABILITY : N/A**
- **ENVIRONMENTAL COMPLIANCE : ROHS COMPLIANT**
- **INDUSTRY : AEROSPACE**
- **SPECIFICATIONS / APPROVALS : MEETS PERFORMANCE REQUIREMENTS OF SAE-AS83519**

STS DIMENSIONS (INCHES) :

SUMITOMO PART NUMBER	L ±.070	L1 MIN	ØD MIN	ØD1 MIN
H-HML-1	.650	.325	.075	.105
H-HML-2	.650	.325	.105	.145
H-HML-3	.650	.325	.170	.200
H-HML-4	.750	.325	.235	.255
H-HML-5	.750	.325	.275	.300
H-HML-6-YY	.650	.325	.075	.105
H-HML-7-YY	.650	.325	.105	.145
H-HML-8-YY	.650	.325	.170	.200
H-HML-9-YY	.750	.325	.235	.255
H-HML-10-YY	.750	.325	.275	.300
H-HML-11-YY	.650	.325	.075	.105
H-HML-12-YY	.650	.325	.105	.145
H-HML-13-YY	.650	.325	.170	.200
H-HML-14-YY	.750	.325	.235	.255
H-HML-15-YY	.750	.325	.275	.300
H-HML-16-YY	.650	.325	.075	.105
H-HML-17-YY	.650	.325	.105	.145
H-HML-18-YY	.650	.325	.170	.200
H-HML-19-YY	.750	.325	.235	.255
H-HML-20-YY	.750	.325	.275	.300

*For reference use only.

H-HML SERIES

SOLDER TERMINATION SLEEVES WITH PRE-INSTALLED WIRE LEAD, IMMERSION RESISTANT, 175 °C MAX

*For reference use only

CABLE SIZE SELECTION (INCHES)

CABLE SIZE	CABLE OD RANGE	20 AWG WIRE LEAD M22759/41-20-90 SUMITOMO P/N	22 AWG WIRE LEAD M22759/41-22-YY SUMITOMO P/N
1	.02 - .105	H-HML-1	H-HML-6-YY
2	.03 - .145	H-HML-2	H-HML-7-YY
3	.05 - .200	H-HML-3	H-HML-8-YY
4	.07 - .255	H-HML-4	H-HML-9-YY
5	.10 - .300	H-HML-5	H-HML-10-YY

WIRE COLOR CODES (YY) PER MIL-STD-681

DESIGNATOR	COLOR
0	BLACK
1	BROWN
2	RED
3	ORANGE
4	YELLOW
5	GREEN
6	BLUE
7	PURPLE
8	GRAY

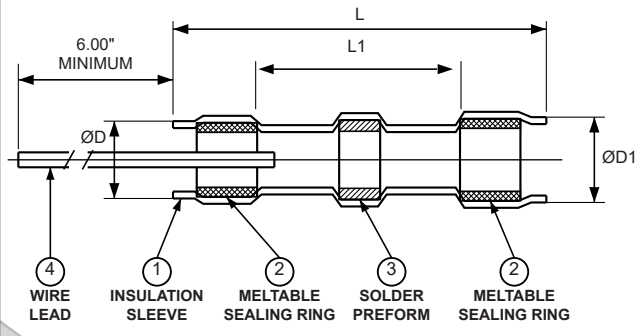
MATERIALS

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, MELTING POINT AT 221 °C, PER ANSI-J-STD-006. FLUX - ROM1 TYPE RA FLUX FOR NICKEL APPLICATIONS, PER ANSI-J-STD-004.
4. PRE-INSTALLED WIRE LEAD	PER MIL-W-22759/41: 41-20-90 (H-HML-1 TO -5); 41-22-YY (H-HML-6 TO -10); 41-26-YY (H-HML-16 TO -20).

APPLICATION NOTES

1. PLEASE REFER TO THE SUMITOMO ELECTRIC STS INSTALLATION GUIDE FOR RECOMMENDED ASSEMBLY INFORMATION.
2. TEMPERATURE RANGE: -55 °C TO +175 °C.

SLEEVE ASSEMBLY (H-HML-16-YY TO -20-YY)



ORDERING INFORMATION

SUMITOMO PART NUMBERS	H-HML-1 THROUGH H-HML-5 AND H-HML-6-YY THROUGH H-HML-20-YY
WIRE COLOR (YY)	DESIGNATOR 0 THROUGH 9 PER MIL-STD-681

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.

2026/10