L-C SERIES (NAS 1745)

SOLDER TERMINATION SLEEVES, IMMERSION RESISTANT, NAS 1745 QUALIFIED, LOW TEMPERATURE CONVECTION HEATED

PRODUCT FEATURES;

- IMMERSION RESISTANT SOLDER TERMINATION SLEEVE; NAS 1745 QUALIFIED
- LOW TEMPERATURE, CONVECTION HEATED
- Cd18 SOLDER PREFORM, EUTECTIC AT 143 °C
- CONTINUOUS OPERATING TEMPERATURE: -55 °C TO +125 °C
- NOT ROHS COMPLIANT



BASIC PROPERTIES

- INSULATION SLEEVE : HEAT-SHRINKABLE, RADIATION CROSSLINKED, MODIFIED POLYVINYLIDENE FLUORIDE (TRANSPARENT BLUE; CLEAR FOR L-C-6 AND L-C-7)
- MELTABLE SEALING RINGS : THERMALLY STABILIZED THERMOPLASTIC (ONE CLEAR, ONE BLUE; TWO BLUE FOR L-C-5.5)
- SOLDER PREFORM : Cd18 ALLOY, EUTECTIC AT 143 °C, PER ANSI-J-STD-006
- FLUX : ROL1 TYPE RMA FLUX FOR TIN OR SILVER APPLICATIONS, PER ANSI-J-STD-004
- SHRINK RATIO : N/A; SHRINK TEMPERATURE : N/A; FLAMMABILITY : PER NAS 1745
- ENVIRONMENTAL COMPLIANCE : NOT ROHS COMPLIANT
- INDUSTRY : AEROSPACE, SOLDER TERMINATION
- SPECIFICATIONS / APPROVALS : NAS 1745

STS DIMENSIONS (INCHES) :

NAS 1745 PART NUMBER	SUMITOMO PART NUMBER	L ±.062	ØD MIN	ØD1 MIN
1745-13	L-C-1	.625	.075	.095
1745-14	L-C-2	.625	.110	.125
1745-15	L-C-3	.625	.180	.200
1745-23	L-C-4	.750	.235	.255
1745-16	L-C-5	.750	.280	.300
N/A	L-C-5.5	.900	.355	.410
1745-24	L-C-6	1.100	.440	.460
1745-25	L-C-7	1.100	.525	.545

*For reference use only

L-C SERIES (NAS 1745)

SOLDER TERMINATION SLEEVES, IMMERSION RESISTANT, NAS 1745 QUALIFIED, LOW TEMPERATURE CONVECTION HEATED

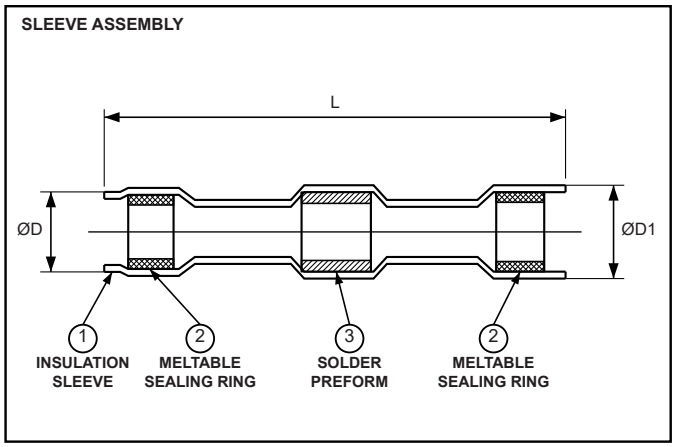
CABLE PREPARATION MEASUREMENTS (INCHES)

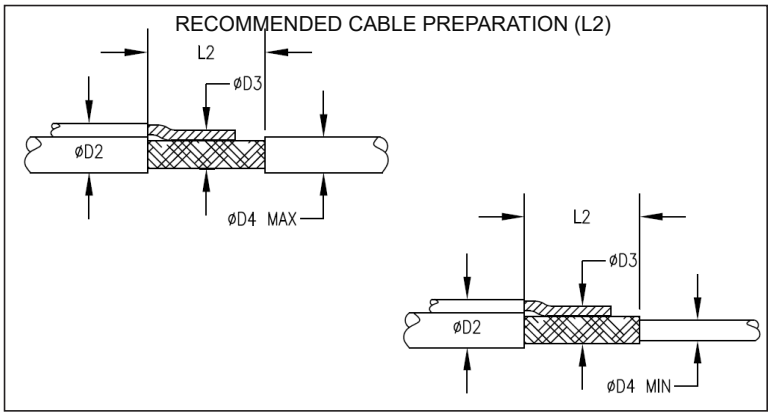
SUMITOMO PART NUMBER	ØD2 MAX	ØD3 MIN	ØD4 MAX	ØD4 MIN	L2 RANGE
L-C-1	.095	.035	.075	.020	.250 - .325
L-C-2	.125	.055	.110	.030	.250 - .325
L-C-3	.200	.085	.180	.050	.250 - .325
L-C-4	.255	.130	.235	.070	.250 - .325
L-C-5	.300	.170	.280	.100	.250 - .325
L-C-5.5	.410	.210	.355	.180	.250 - .325
L-C-6	.460	.225	.440	.220	.250 - .325
L-C-7	.545	.350	.525	.260	.250 - .325

MATERIALS

1. INSULATION SLEEVE	HEAT-SHRINKABLE, RADIATION CROSSLINKED, MODIFIED POLYVINYLIDENE FLUORIDE. COLOR = TRANSPARENT BLUE, EXCEPT L-C-6 & L-C-7 WHERE COLOR = CLEAR.
2. MELTABLE SEALING RING	THERMALLY STABILIZED THERMOPLASTIC. COLOR = 1 CLEAR, 1 BLUE. EXCEPT THE L-C-5.5: COLOR = 2 BLUE.
3. SOLDER PREFORM	ALLOY - Cd18 EUTECTIC AT 143 °C, PER ANSI-J-STD-006. FLUX - ROL1 TYPE RMA FLUX FOR TIN OR SILVER APPLICATIONS, PER ANSI-J-STD-004.

APPLICATION NOTES





ORDERING INFORMATION

SUMITOMO PART NUMBERS	L-C-1 THROUGH L-C-7 (INCLUDING L-C-5.5)
NAS 1745 PART NUMBERS	1745-13 THROUGH 1745-16 AND 1745-23 THROUGH 1745-25 (L-C-5.5: N/A; SEE PAGE 1)

SUMITOMO ELECTRIC INTERCONNECT PRODUCTS, INC.

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SUMITOMO ELECTRIC GROUP

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2026/10