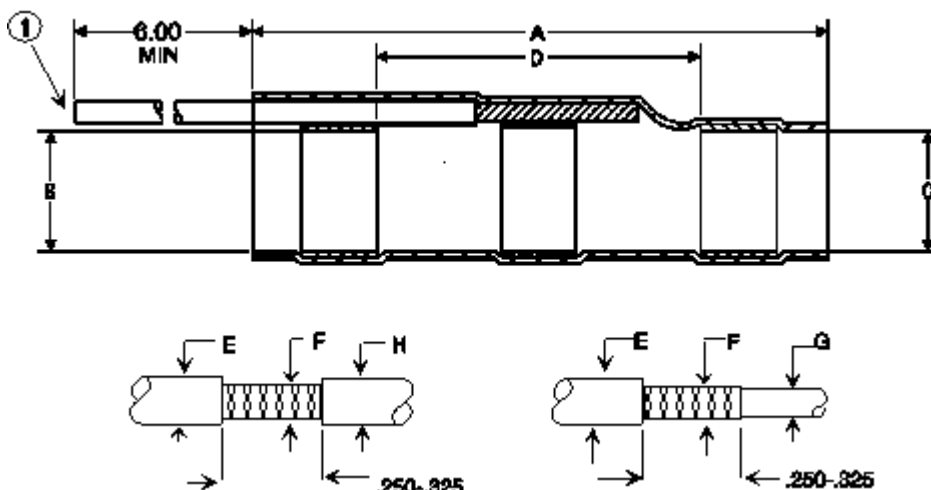


Product Reference:

Solder Termination Sleeves STS H-ML

- **STS H-ML**, heat shrinkable Solder Termination Sleeves, are made of a polyvinylidene fluoride jacket with a premounted solder preform inner and with pre-installed ground leads.
- **STS H-ML** series parts with pre-installed ground leads are designed for easy handling of one part only, can save time on positioning of components, can reduce labour costs, give higher production yields, and eliminate the need to inventory wire or braid.
- The devices are for use with convection (hot-air) heating tools.
- Operation temperature ranges from -55°C to $+150^{\circ}\text{C}$.
- **STS H-ML** series will meet or exceed the requirements of SAE AS83519/2-1 to SAE AS83519/2-20, wire leads according to MIL-W-22759/32 (irradiated ETFE) and are listed at VG 95343-101 M 83519/2-1 to /2-20.



The information contained in this Data Sheet was correct at the time of printing but Siegrist-Orel Ltd reserve the right to alter or amend without notice any of the specifications, dimensions and particulars contained herein and, therefore, customers should ensure that data remains as listed by checking with the company prior to ordering.

CABLE DIAMETER RANGE AND PREPARATION MEASUREMENTS

TABLE I. Construction details

SAE Part #	Marking Code	Siegrist Part #	A ±1.8	B Min	C Min	D Min	E Max	F Min	G Min	H Max	Lead Wire
AS83519/2-1	S0201S	H-ML-1	16.0	2.0	2.5	8.3	2.5	0.9	0.5	2.0	Pre-installed wire lead: MIL-W-22759/32-20-90
AS83519/2-2	S0202S	H-ML-2	16.0	2.8	3.3	8.3	3.3	1.4	0.76	2.8	
AS83519/2-3	S0203S	H-ML-3	16.0	4.6	5.1	8.3	5.1	2.2	1.27	4.6	
AS83519/2-4	S0204S	H-ML-4	19.1	6.1	6.4	8.3	6.4	3.3	1.78	6.1	
AS83519/2-5	S0205S	H-ML-5	19.1	7.1	7.6	8.3	7.6	4.3	2.54	7.1	
AS83519/2-6	S0206S	H-ML-6	16.0	2.0	2.5	8.3	2.5	0.9	0.5	2.0	Pre-installed wire lead: MIL-W-22759/32-22-90
AS83519/2-7	S0207S	H-ML-7	16.0	2.8	3.3	8.3	3.3	1.4	0.76	2.8	
AS83519/2-8	S0208S	H-ML-8	16.0	4.6	5.1	8.3	5.1	2.2	1.27	4.6	
AS83519/2-9	S0209S	H-ML-9	19.1	6.1	6.4	8.3	6.4	3.3	1.78	6.1	
AS83519/2-10	S0210S	H-ML-10	19.1	7.1	7.6	8.3	7.6	4.3	2.54	7.1	
AS83519/2-11	S0211S	H-ML-11	16.0	2.0	2.5	8.3	2.5	0.9	0.5	2.0	Pre-installed wire lead: MIL-W-22759/32-24-90
AS83519/2-12	S0212S	H-ML-12	16.0	2.8	3.3	8.3	3.3	1.4	0.76	2.8	
AS83519/2-13	S0213S	H-ML-13	16.0	4.6	5.1	8.3	5.1	2.2	1.27	4.6	
AS83519/2-14	S0214S	H-ML-14	19.1	6.1	6.4	8.3	6.4	3.3	1.78	6.1	
AS83519/2-15	S0215S	H-ML-15	19.1	7.1	7.6	8.3	7.6	4.3	2.54	7.1	
AS83519/2-16	S0216S	H-ML-16	16.0	2.0	2.5	8.3	2.5	0.9	0.5	2.0	Pre-installed wire lead: MIL-W-22759/32-26-90
AS83519/2-17	S0217S	H-ML-17	16.0	2.8	3.3	8.3	3.3	1.4	0.76	2.8	
AS83519/2-18	S0218S	H-ML-18	16.0	4.6	5.1	8.3	5.1	2.2	1.27	4.6	
AS83519/2-19	S0219S	H-ML-19	19.1	6.1	6.4	8.3	6.4	3.3	1.78	6.1	
AS83519/2-20	S0220S	H-ML-20	19.1	7.1	7.6	8.3	7.6	4.3	2.54	7.1	

Notes: These dimensions are for both Class I and Class II.

1. Pre-installed wire lead per: MIL-W-22759/32
2. Class II Marking Code omits "SO" prefix.
3. Class II parts are made without the Thermochromic Indicator

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