

Specification

(GB) Version1.0

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Trade Name: WSW SC M1

1. Company Address: Weller Tools GmbH
Carl-Benz-Straße 2
D-74354 Besigheim
Tel.: +49 (0) 7143 580-0
Fax: +49 (0) 7143 580-108

2. Validity: This specification is specified for:
Weller-Solder Wire WSW SC M1
Delivered by Weller Tools GmbH to: _____

3. Diameter & Allowance:

Diameter (mm)				
0.5	0.8	1.0	1.2	
± 0.05				

4. Deliverable Reel Size:

Net Weight per Reel (kg)
0.5
± 0.01

5. Physical Properties:

Solidus °C	Liquidus °C	Specific Gravity
227	227	7.3

6. Chemical Composition: (%)

Composition	Main components		
	Sn		Cu
Standard	Rest		0.7

7. Characteristics:

Test	Characteristics	Test Methods
Flux content	3,5% 3.0 ~ 4.0 (%)	IPC-TM-650:2.3.34
Copper Mirror Test	pass	IPC-TM-650:2.3.32
Silver Chromate	n.a	IPC-TM-650:2.3.33
Flux materials composition	RO	J-Std-004:1.2
Quantitative Halide	M1 < 0.5%	IPC-TM-650:2.3.35
Solder spreading	n.a	IPC-TM-650;2.4.46
SIR (85°C, 85%, 168h) (Ω)	≥ 1 x 10 ⁸	IPC-TM-650:2.6.3.3
Corrosion Test	pass	IPC-TM-650:2.6.15

8. Lot Size: A single lot contains 500kg which is the amount of one melting.

9. Identification:

Reel		Cardboard	
Name	WSW SC M1	Name	WSW SC M1
Flux Content	3,5%	Flux Content	3,5%
Diameter	mm	Diameter	mm
Net-Weight	e.g. 500g	Net-Weight	e.g. 5kg
Lot Nr.	e.g. 13.05.01	Lot Nr.	e.g. 13.05.01
Maker	Nihon Almit Co. Ltd.	Maker	Nihon Almit Co. Ltd.

10. Packing:

Individual Package		Outer Package
Weight (kg)	Packing	Cardboard
0.5	Plastic Sheet	

11. Maker Address: Nihon Almit Co. Ltd. - Productive Engineering Center
8154-227, Uenohara, Kitatsuru-gun, Yamanashi, 409-0112 Japan

12. In case of changing this specification it should be accepted by:

Signature _____ Date _____

13. This product is manufactured, using all guaranteed materials according to the legal law regulations.

14. Shelf Life:

Up to two (2) years from the manufactured date (lot number).