

# Weller®

## WSW SC L0 Lead free solder wire



### Product Specification

**1. Product-Name:** WSW SC L0

**2. Validity:** This specification is specified for:  
Weller-Solder Wire WSW SC L0

**3. Diameter and Allowance:**

Diameter	Order No.	Tolerance
∅ 0,5 mm	T005 13 880 99	$\pm 0,05$
∅ 0,8 mm	T005 13 879 99	$\pm 0,05$
∅ 1,0 mm	T005 13 878 99	$\pm 0,05$
∅ 1,2 mm	T005 13 877 99	$\pm 0,05$

**4. Deliverable Reel Size:**

Net Weight per Reel (kg)
0,5
$\pm 0,01$

**5. Physical Properties:**

Solidus °C	Liquidus °C	Specific Gravity
217	227	7.3

**6. Chemical Composition: (%)**

Composition	Main components		
	Sn		Cu
Standard	Rest		0.7

**7. Characteristics:**

Test	Characteritics	Test Methods
Flux content (%)	3,5% 3.0 ~ 4.0 (%)	IPC-TM-650:2.3.34
Cooper Mirror Test	pass	IPC-TM-650:2.3.32
Silver Chromate	pass	IPC-TM-650:2.3.33
Flux material composition	RO	J-Std-004:1.2
Quantitative Halide	L0 < 0.0 %	IPC-TM-650:2.3.35
Solder spreading	n.a.	IPC-TM-650;2.4.46
SIR (85°C, 85%, 168 h) (Ω)	≥ 1 x 10 <sup>9</sup>	IPC-TM-650:2.6.3.3
Corrosion Test	pass	IPC-TM-650:2.6.15

**8. Identification:**

Reel		Cardboard	
Name	WSW SC L0	Name	WSW SC L0
Flux Content	3,5%	Flux Content	3,5%
Diameter (mm)	0,5 / 0,8 / 1,0 / 1,2	Diameter (mm)	0,5 / 0,8 / 1,0 / 1,2
Weight	500 g	Weight	5,0 kg
Supplier	Weller Tools GmbH	Supplier	Weller Tools GmbH

**9. Packing:**

Individual Package		Outer Package
Weight (kg)	Packing	Cardboard
0.5	<b>Plastic Sheet</b>	

**10. Supplier Adress:**

**Weller Tools GmbH  
Carl-Benz-Str. 2  
74354 Besigheim, Germany**

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

Weller Tools GmbH, Besigheim

Engineering department

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

**13. Shelf life:**

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