



Chipsmall Limited consists of a professional team with an average of over 10 year of expertise in the distribution of electronic components. Based in Hongkong, we have already established firm and mutual-benefit business relationships with customers from,Europe,America and south Asia,supplying obsolete and hard-to-find components to meet their specific needs.

With the principle of “Quality Parts,Customers Priority,Honest Operation,and Considerate Service”,our business mainly focus on the distribution of electronic components. Line cards we deal with include Microchip,ALPS,ROHM,Xilinx,Pulse,ON,Everlight and Freescale. Main products comprise IC,Modules,Potentiometer,IC Socket,Relay,Connector.Our parts cover such applications as commercial,industrial, and automotives areas.

We are looking forward to setting up business relationship with you and hope to provide you with the best service and solution. Let us make a better world for our industry!



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## Weller soldering wire

Excellent melting properties for copper and nickel. Very fast, homogeneous wetting, even on difficult surfaces. Reduced tin leaching. Soldering tip life times can be extended by up to 30% by the microalloy. Good wetting properties of the soldering tip in low temperatures. Better flow properties and low flux splatter.

To guarantee maximum flexibility with soldering wire, Weller can supply a range of alloys and fluxes as well as various wire diameters.

### Alloys

- SAC alloy - tin / silver / copper
- SC alloy - tin / copper

### Flux

- Mildly-activated flux (NoClean) M1
- Halogen-free flux L0

Type	WSW SAC M1	WSW SAC L0	WSW SC L0	WSW SC M1
<b>Alloy</b>	Sn3.0Ag0.5Cu	Sn3.0Ag0.5Cu	Sn0.7Cu	Sn0.7Cu
<b>Temperature</b>	217-221°C	217-221°C	227°C	227°C
<b>Flux J-STD 004</b>	M1	L0	L0	M1
<b>Flux content</b>	3.5%	3.5%	3.5%	3.5%
<b>Weight</b>	500 g	500 g	500 g	500 g
<b>Diameter</b>	Order No.	Order No.	Order No.	Order No.
0,5 mm	T005 13 864 99	T005 13 870 99	T005 13 880 99	T005 13 876 99
0,8 mm	T005 13 863 99	T005 13 869 99	T005 13 879 99	T005 13 875 99
1,0 mm	T005 13 862 99	T005 13 868 99	T005 13 878 99	T005 13 874 99



use fume extraction



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## Single-handed soldering with the Automatic solder feeder



Weller®

Weller®

# Let us give you a hand with your soldering application!

With our new selection of single-handed solder wire feeder units, Weller is streamlining the art of soldering. The amount of solder delivered is pre-set, which ensures that the solder is applied evenly in sync with your application. You have a choice of a pulse or timer mode which accurately controls the method of delivery of the solder that reaches the soldering tip.



**Efficient one-handed soldering**



**Precise solder-feeding system for the highest of soldering quality**



**Nonstick coating inside solder feed tube**

No adhesion of flux, reduction of maintenance costs



**Amount of solder can be pre-set for effective soldering**



**Integrated start-stop/standby function conserves energy and extends service life of the unit**



**Pulse and timer mode**

Timer mode: A defined amount of solder is applied after each impulse

Pulse mode: The solder wire is continuously delivered for as long as the switch is held pressed



**Weller WTSF 80 / WTSF 120 / WXSf 120**

Total weight (without solder wire)	680 g
Max. solder wire weight	1 kg
Solder wire diameter, available from	0.5 - 1 mm
Standard diameter	0.8 mm
Feed motion, adjustable from	1 mm/s - 27.5 mm/s

Feed motion start with finger tip, optional foot switch available

Usable only with following Weller soldering stations:

<b>WTSF 80:</b>	WD 1, WD 1M, WR 2, WR 3M, WS 81, WSD 81, WSD 81i, WSD 121
<b>WTSF 120:</b>	WD 1M, WR 2, WR 3M, WSD 121
<b>WXSf 120:</b>	WX 1, WX 2, WXA 2, WXD 2, WXR 3



## WTSF 80

consists of:

- Solder feeder unit
- Soldering Tip LT B, 2.4 mm
- Soldering iron with integrated solder feeder, 80 W



Order No.: T005 13 906 99

## WTSF 120

- Solder feeder unit
- Soldering Tip XT B, 2.4 mm
- Soldering iron with integrated solder feeder, 120 W



Order No.: T005 13 907 99

## WXSf 120



- Solder feeder unit
- Soldering Tip XT B, 2.4 mm
- Soldering iron with integrated solder feeder, 120 W



Order No.: T005 13 911 99

Usable only with Weller soldering stations.