



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!



## Contact us

Tel: +86-755-8981 8866 Fax: +86-755-8427 6832

Email & Skype: info@chipsmall.com Web: www.chipsmall.com

Address: A1208, Overseas Decoration Building, #122 Zhenhua RD., Futian, Shenzhen, China



## Solder Wire Sn99.3/Cu0.7 No-Clean with 2.2% Flux Core 2oz Spool

### Product Highlights

**No-Clean Water-Washable** Synthetic Flux Core

The clear, non-corrosive, non-conductive residue is meant to be left on the board. Residues that do remain are water soluble if you want to remove them. Clean with hot water at 60°C (140°F) minimum.

2.2% flux core

Halogen content: None

RoHS II and REACH compliant

### Specifications

Alloy:	Sn99.3/Cu0.7
Wire Diameter:	0.020" (0.5mm)
Flux Type:	No-Clean Water-Washable Synthetic
Flux Classification:	ROL0
Melting Point:	227°C (441°F)
Packaging:	2oz spool

### Test Results

Test J-STD-004 or other requirements as stated	Test Requirement	Result
Copper Mirror	IPC-TM-650: 2.3.32	L: No breakthrough
Corrosion	IPC-TM-650: 2.6.15	L: No corrosion
Quantitative Halides	IPC-TM-650: 2.3.28.1	L: <0.5%
Electrochemical Migration	IPC-TM-650: 2.6.14.1	L: <1 decade drop (No-clean)
Surface Insulation Resistance 85°C, 85% RH @ 168 Hours	IPC-TM-650: 2.6.3.7	L: ≥100MΩ (No-clean)
Visual	IPC-TM-650: 3.4.2.5	Clear and free from precipitation
Conflict Minerals Compliance	Electronic Industry Citizenship Coalition (EICC)	Compliant
REACH Compliance	Articles 33 and 67 of Regulation (EC) No 1907/2006	Contains no substance >0.1% w/w that is listed as a SVHC or restricted for use in solder materials

### Conforms to the following Industry Standards:

J-STD-004B, Amendment 1 (Solder Fluxes):	Yes
J-STD-006C, Amendments 1 & 2 (Solder Alloys and Fluxed/Non-Fluxed Solders):	Yes
RoHS 2 Directive 2011/65/EU:	Yes

ChipQuik® Solder Wire Orderable Part Numbers:

Flux Core	Alloy	Melting Point	Diameter	Size	Orderable Part Number	
No-Clean Water-Washable Synthetic Flux Core 2.2%  (Except .006" and .008" diameter wire which are 1.2%)	Sn63/Pb37	183°C (361°F)	.015" (0.38mm)	100g (3.5oz)	SMDSW.015 100g	
				0.4 oz	SMDSW.020 .4OZ	
			.020" (0.5mm)	1 oz	SMDSW.020 1OZ	
				2 oz	SMDSW.020 2OZ	
				4 oz	SMDSW.020 4OZ	
				1/2 lb	SMDSW.020 8OZ	
				1 lb	SMDSW.020 1LB	
			.031" (0.8mm)	0.7 oz	SMDSW.031 .7OZ	
				1 oz	SMDSW.031 1OZ	
	2 oz	SMDSW.031 2OZ				
	4 oz	SMDSW.031 4OZ				
	1/2 lb	SMDSW.031 8OZ				
	1 lb	SMDSW.031 1LB				
	Sn60/Pb40	183-188°C (361-370°F)	.015" (0.38mm)	100g (3.5oz)	SMD2SW.015 100g	
				0.4 oz	SMD2SW.020 .4OZ	
			.020" (0.5mm)	1 oz	SMD2SW.020 1OZ	
				2 oz	SMD2SW.020 2OZ	
				4 oz	SMD2SW.020 4OZ	
				1/2 lb	SMD2SW.020 8OZ	
				1 lb	SMD2SW.020 1LB	
			.031" (0.8mm)	0.7 oz	SMD2SW.031 .7OZ	
				1 oz	SMD2SW.031 1OZ	
				2 oz	SMD2SW.031 2OZ	
				4 oz	SMD2SW.031 4OZ	
				1/2 lb	SMD2SW.031 8OZ	
				1 lb	SMD2SW.031 1LB	
			Sn62/Pb36/Ag2	179°C (354°F)	.015" (0.38mm)	100g (3.5oz)
0.4 oz						SMD3SW.020 .4OZ
.020" (0.5mm)	1 oz	SMD3SW.020 1OZ				
	2 oz	SMD3SW.020 2OZ				
	4 oz	SMD3SW.020 4OZ				
	1/2 lb	SMD3SW.020 8OZ				
	1 lb	SMD3SW.020 1LB				
.031" (0.8mm)	0.7 oz	SMD3SW.031 .7OZ				
	1 oz	SMD3SW.031 1OZ				
	2 oz	SMD3SW.031 2OZ				
	4 oz	SMD3SW.031 4OZ				
	1/2 lb	SMD3SW.031 8OZ				
	1 lb	SMD3SW.031 1LB				

Continued on next page

ChipQuik® Solder Wire Orderable Part Numbers:

Continued from previous page

Flux Core	Alloy	Melting Point	Diameter	Size	Orderable Part Number
No-Clean Water-Washable Synthetic Flux Core 2.2%  (Except .006" and .008" diameter wire which are 1.2%)	Sn96.5/Ag3.0/Cu0.5	217-220°C (423-428°F)	.006" (0.15mm)	50g (1.8oz)	SMDSWLF.006 50g
			.008" (0.20mm)	50g (1.8oz)	SMDSWLF.008 50g
			.015" (0.38mm)	0.3 oz	SMDSWLF.015 .3OZ
				1 oz	SMDSWLF.015 1OZ
				2 oz	SMDSWLF.015 2OZ
				4 oz	SMDSWLF.015 4OZ
				1/2 lb	SMDSWLF.015 8OZ
				1 lb	SMDSWLF.015 1LB
			.020" (0.5mm)	0.4 oz	SMDSWLF.020 .4OZ
				1 oz	SMDSWLF.020 1OZ
				2 oz	SMDSWLF.020 2OZ
				4 oz	SMDSWLF.020 4OZ
				1/2 lb	SMDSWLF.020 8OZ
				1 lb	SMDSWLF.020 1LB
			.031" (0.8mm)	0.7 oz	SMDSWLF.031 .7OZ
	1 oz	SMDSWLF.031 1OZ			
	2 oz	SMDSWLF.031 2OZ			
	4 oz	SMDSWLF.031 4OZ			
	1/2 lb	SMDSWLF.031 8OZ			
	1 lb	SMDSWLF.031 1LB			
	Sn99.3/Cu0.7	227°C (441°F)	.012" (0.3mm)	100g (3.5oz)	SMD2SWLF.012 100g
			.015" (0.38mm)	0.3 oz	SMD2SWLF.015 .3OZ
				1 oz	SMD2SWLF.015 1OZ
				2 oz	SMD2SWLF.015 2OZ
				4 oz	SMD2SWLF.015 4OZ
				1/2 lb	SMD2SWLF.015 8OZ
				1 lb	SMD2SWLF.015 1LB
.020" (0.5mm)			0.4 oz	SMD2SWLF.020 .4OZ	
			1 oz	SMD2SWLF.020 1OZ	
			2 oz	SMD2SWLF.020 2OZ	
			4 oz	SMD2SWLF.020 4OZ	
			1/2 lb	SMD2SWLF.020 8OZ	
			1 lb	SMD2SWLF.020 1LB	
.031" (0.8mm)			0.7 oz	SMD2SWLF.031 .7OZ	
			1 oz	SMD2SWLF.031 1OZ	
	2 oz	SMD2SWLF.031 2OZ			
	4 oz	SMD2SWLF.031 4OZ			
	1/2 lb	SMD2SWLF.031 8OZ			
	1 lb	SMD2SWLF.031 1LB			
Solid Wire (No Flux)	Sn42/Bi57/Ag1	138°C (281°F)	.030" (0.762mm)	32 feet	SMDSWLTLP32
	In100	157°C (315°F)	.031" (0.8mm)	10 feet	SMDIN100
	In52/Sn48	118°C (244°F)	.031" (0.8mm)	10 feet	SMDIN52SN48
	In97/Ag3	143°C (289°F)	.031" (0.8mm)	10 feet	SMDIN97AG3