



CHINA INDUSTRY (NINGBO) CO., LTD

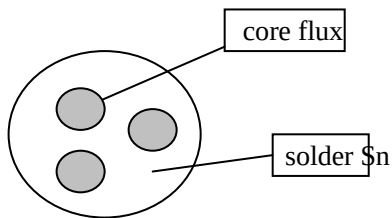
ADD:622# XIANQIU ROAD, XIANXIANG TOWN, YINZHOU DISTRICT, NINGBO, CHINA.
TEL:0574-88313816 FAX:0574-87895086

Testing report

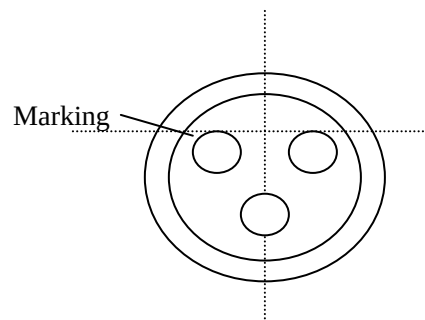
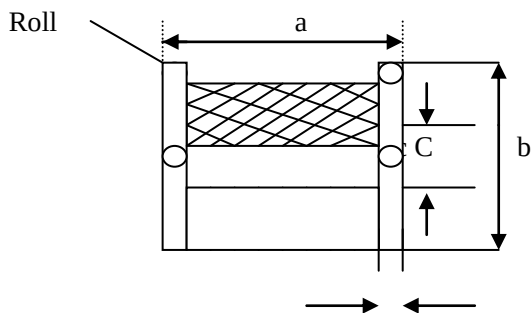
1、 Range of application:

Fit for electronic and relevant products and component soldering。

Name: LWC07—lead free 3 core flux solder wire
Sn99.3/Cu0.7 RMA environmental core flux



diameter		core flux(wt%)	
$\phi 0.5\text{mm} \pm 0.1$	☐	$2.2\% \pm 0.1$	☐
$\phi 0.6\text{mm} \pm 0.1$	☐	$2.3\% \pm 0.1$	☐
$\phi 0.8\text{mm} \pm 0.1$	☐	$2.5\% \pm 0.1$	☐
$\phi 1.0\text{mm} \pm 0.1$	☐		
$\phi 1.2\text{mm} \pm 0.1$	☐		
$\phi 1.6\text{mm} \pm 0.1$	☐		
$\phi 2.0\text{mm} \pm 0.1$	☐		
others	☐		



tolerance	size		
	a	b	C
$1\text{Kg} \pm 5\text{g}$	66mm	72mm	20mm



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3.

3.1 solder wire percentage

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合金	percentage (%)		impurity (%)								
	Sn	Cu	Ag	Pb	Bi	Zn	Fe	Sb	Al	As	Cd
	99.3	0.7	<0.01	<0.03	<0.03	<0.001	<0.02	<0.02	<0.001	<0.015	<0.001
	Bal	±0.1									
Core flux	RMA environmental resin core flux										

3.2. Physical data:

	Fixed temperature	Liquid temperature	Specific gravity
Sn99.3/Cu0.7	227°C	228°C	7.32

3.3. Core flux data

Compare with traditional lead free solder wire, 3 core flux solder wire alloy uniform distribution with better soldering. This products with SUPER 88S RMA environmental resin 3 core flux increased expansibility over 10% than traditional lead free solder wire. Moderate Core flux have 2 type: RMA Type and No Clean Type. Can meet requirements of ANSI/J-STD-006 ROL0 no clean soldering requirement. And meet a criterion of J-STD-001 ClassIII. It has better soldering effect, cohesionless, and non-corrosive. It is fit for high quality electronic products.



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3.4 Electrochemistry date

		Test method
halogen percentage	<0.1	JIS Z 3197
Dryness	Easy cleaning on surface, no residue	JIS Z 3197
corrosive	non-corrosive	JIS Z 3197
Water resistance	$>5 \times 10^4$	JIS Z 3197
SIR	original	$>5000\Omega$
	C-96/40/95	C-40-95 $>10G\Omega$
		After testing in room temperature $>100G\Omega$
		JIS Z 3197

3.5 Expansibility

		Test method
Extend rate	$>75\%$	JIS Z 3197

4. quality

4.1 alloy percentage as per above 3.1 solder wire percentage

4.2 core flux with even quality and non –poisonous, visual and workable.

4.3 this products meet the requirements of WEEE and ROHS non –poisonous , (for details, see SGS poisonous element testing report)。

5、 **suggest temperature of** electric soldering iron: $370 \pm 5^\circ\text{C}$

6、 Packing

Lead free solder wire packed in a roll, 10 roll per box, each roll and each box with following details

6.1 producer name and logo;

6.2 products lot number;

6.3 products name, symbol and size;

6.4 check tag

6.5 green products tag