

Trade Name: SR37 LFM-86

1. Company Address

Almit GmbH
 Unterer Hammer 3
 Deutschland
 (D) 64720 Michelstadt -
 bei Frankfurt

Tel.: +49 6061 96925-0
 Fax: +49 6061 96925-18

2. Validity

This specification is specified for:
 Solder Wire Lead Free SR37 LFM-86
 Delivered by Almit GmbH to:

3. Diameter & Allowance

Diameter (mm)								
0.3	0.38	0.5	0.65	0.8	1.0	1.2	1.6	2.0

3.1. Deliverable Reel Size

Net Weight per Reel (kg)			
0.1	0.5	0.8	1.0
± 0.01			

4. Physical Properties

Solidus °C	Liquidus °C	Specific Gravity
217	228	7.4

5. Characteristics

Test	Characteristics	Test Methods
Flux Content	3.5% 3.0 ~ 4.0 (%)	IPC-TM-650:2.3.34.1
Copper Mirror Test		n.a
Silver Chromate	n.a	n.a
Flux materials composition	RE	J-STD-004A
Quantitative Halide	M1 < 0.5%	J-STD-004A
SIR (85°C, 85%, 168hr) (Ω)	≥ 1 x 10 ⁸	IPC-TM-650:2.6.3.3
Corrosion Test	pass	IPC-TM-650:2.6.15

6. Chemical Composition

Composition	Components					
	Sn	Ag	Cu	Pb	Sb	Bi
Standard	Rest	0.3	0.7	≤0.05	≤0.10	≤0.05
Composition	Components					
	Al	As	Cd	Fe	Zn	
Standard	≤0.001	≤0.03	≤0.002	≤0.02	≤0.001	

7. Lot Size

A single lot contains 500kg which is the amount of one melting.

8. Identification

	Reel	Cardboard
Name	SR37 LFM-86	SR37 LFM-86
Flux Content	3.5%	3.5%
Diameter	mm	mm
Net-Weight	e.g. 500g	e.g. 5kg
Lot Nr.	e.g. 13.11.25	e.g. 13.11.25
Maker	Nihon Almit Co. Ltd.	Nihon Almit Co. Ltd.

9. Packing

Individual Package		Outer Package
Weight (kg)	Packing	Cardboard
0.05,0.1,1.0	Plastic Bag	
0.5,0.8	Plastic Sheet	

10. Maker Address

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

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

Signature_____ Date_____

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

13. Shelf Life

Up to three (3) years from the manufactured date (lot number).