

No-clean, Lead-Free Solder Wire

Model: PF606-R

Rev.2020/01/13 Ver.14-126-03

— Specification —

Item	Specification	Standard
Appearance	Bright and shiny surface finishes.	
Alloy	Sn/Ag3.0/Cu0.5/X	JIS-Z-3282
Melting Point	Approx. 217~219°C	DSC
Flux Content	3.0 ± 1.0%	JIS-Z-3283
Halogen Content	<0.5%	JIS-Z-3197
Gravity	Approx. 7.4	
Spread ability	>75%	JIS-Z-3197
Packaging	0.5, 1, 2, 5, 10, 20 kg/roll.	JIS-Z-3283
Diameters Tolerances	0.3~0.7 ± 0.05mm, 0.8~3.0 ± 0.1mm	

— Reliability Test —

Test Item	Test Result	Test Method
Copper Mirror Test	Pass	IPC-TM-650, 2.3.32
Copper Plate Corrosion Test	Pass	IPC-TM-650, 2.6.15
S.I.R. Test	Pass	IPC-TM-650, 2.6.3.7
Electrochemical Migration Test	Pass	IPC-TM-650, 2.6.14.1

— Alloy Composition —

Sn	Ag	Cu	Ni	Ge	Pb	Sb	Bi	Cd	Au	In	Al	As	Fe	Zn
REM.	2.8~ 3.2	0.3~ 0.7	0~ 0.01	0~ 0.01	0.05 Max	0.05 Max	0.10 Max	0.002 Max	0.05 Max	0.10 Max	0.001 Max	0.03 Max	0.02 Max	0.001 Max

Patent No.: Japanese Patent No. 3296289 U.S Patent No. 6179935B1. Germany Patent No.19816671C2. (wt.%)

All alloy of SHENMAO' products were to conform to SONY Green Partner and comply RoHS requirement.

— Handling and Storage Instructions —

1 、 Characteristic

Excellent solder joint reliability. Superior joint strength. Excellent thermal & Mechanical fatigue resistance. Suitable for no-clean process.

2 、 Storage Instructions

(1)Storage must be in a dry, non-corrosive and shine environment. Avoids the oxidant, the acid and the hydrogen peroxide.

(2)Shelf life is 2 years from date of manufacture.

Contact Information

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BRANCHES:

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<http://www.shenmao.com>