

**PRODUCT SPECIFICATIONS SHEET**

<b><u>CAT NO.</u></b>	<b><u>PRODUCT NAME</u></b>
1/2 lb. <b>6056</b>	Silver Bearing Solder 60/38/2, 20 gauge .032"
1 lb. <b>6059</b>	

**DESCRIPTION:**

**Solder Wire**

Specification

Item	Specification	Standard
Appearance	Bright and shiny surface finishes.	
Alloy	Sn / Pb38.0 / Ag2.0	JIS-Z-3282
Melting Point	Approx. 179°C	DSC
Flux Content	2.0 ± 1.0%	JIS-Z-3283
Halide Content	Under 1.0%	JIS-Z-3197
Gravity	8.4	
Spread ability	> 80%	JIS-Z-3197
Packaging	0.5, 1, 5, 10kg/Roll.	JIS-Z-3283
Diameters Tolerances	0.3~0.7 ± 0.05mm, 0.8~4.5 ± 0.1mm	

Reliability Test

Test Item	Test Result	Test Method
Copper Mirror Test	PASS	IPC-TM-650, 2.3.32
Copper plate Corrosion	PASS	IPC-TM-650, 2.6.15
S.I.R Test	PASS 1×10 <sup>10</sup> Ω up	IPC-TM-650, 2.6.3.3
Electrochemical migration Test	PASS 1×10 <sup>10</sup> Ω up	IPC-TM-650, 2.6.14.1

Alloy Composition	
Sn	59.5~60.5
Ag	1.8~2.2
Pb	REM.
Sb	0.05Max
Bi	0.10Max
Cd	0.002Max
Cu	0.05Max
Au	0.05Max
In	0.10Max
Al	0.001Max
As	0.03Max
Fe	0.02Max
Ni	0.10Max
Zn	0.001Max

(WT%)

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

**Storage Instructions:**

Storage must be in a dry, non-corrosive and shine environment.  
 Avoid oxidants, acids and hydrogen peroxides.