

## The specifications of Lead-free Solder Wires

ITEMS of Test	VALUE	TEST STANDARD
Shape	Thread.Shinny Clean	Naked eyes
Alloy	Sn99.3%/Cu0.7% (Sn/Cu)	Jis-Z-3282 A Grade
Melting Point	227°C	
Content of Flux	3%±0.5%	Jis-Z-3197.8.1.2
Type	RMA	
Category	ROLO	ANSI/IPC J-STD-004A 4
Specific Gravity	7.3	JIS-Z-3197.6.4
Dryness Test	Pass	JIS-Z-3197.8.5.1
Content of Halogen	<0.1	JIS-Z-3197.6.5
Water Solution Resistant (Ωcm)	>800	JIS-Z-3197.8.11
Copper erosion test	Pass	JIS-Z-3197.6.6.1
Copper mirror erosion test	Pass	JIS-Z-3197.8.4.2
Insulation resistant (Ω)	1.0x10	JIS-Z-3197.6.8
Expansion (%)	≥85	JIS-Z-3197.6.10
Package	0.5 or 1 KG/Reel	JIS-Z-3283
Diameter tolerance	±0.05mm	JIS-Z-3283
Features	No odor , No toxic gas when soldering , Excellent soldering effect , After soldering , The dross is transparent , Without erosion	
Usage	Suitable for PCB and electronic component assembly	

### Specifications of Alloy:

錫 (Sn)	銅 (Cu)	鋅 (Zn)	鋁 (Al)	銻 (Sb)	鐵 (Fe)	砷 (As)	鉍 (Bi)	鎘 (Cd)	鉛 (Pb)	銦 (In)	銀 (Ag)
REM	0.3~ 0.7	0.001 MAX	0.001 MAX	0.1 MAX	0.02 MAX	0.03 MAX	0.10 MAX	0.002 MAX	0.05 MAX	0.1 MAX	0.1 MAX