



FLUX CORED WIRE SOLDER

RMA-Z

High reliability and high workability

Equivalent to RMA flux grade, ensuring high reliability while maintaining high workability. Also featuring scorch inhibiting effect on flux residue.

Fine Solder



Product Features

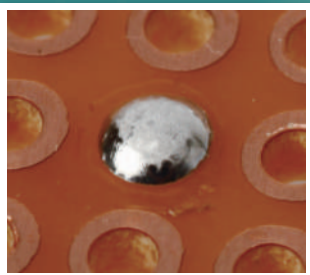
High level of workability

Improved activation of the flux enables easy separation of the soldering iron even at high temperatures of the tip, inhibiting formation of icicles.

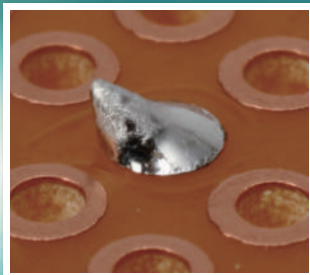
Prevention of burn in flux residue

Prevention of burn in flux residue is reduced thanks to the improvement in heat-resistant of flux. Excellent finish.

Soldering iron tip temperature : 420°C

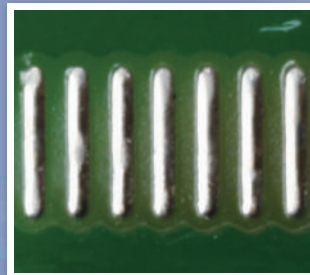


RMA-Z No icicle is formed



Conventional products Icicle is formed

Comparison of heat resistance (Soldering iron tip temperature: 450°C)



RMA-Z No burn is observed



Conventional products Some burns are observed

Alloy no.	JIS mark	Alloy composition	Solidus temperature	Liquidus temperature	Wire diameter (mm)
FLF01	A30C5	Sn96.5%-Ag3.0%-Cu0.5%	Approx. 217°C	Approx. 219°C	φ0.3·φ0.4·φ0.5 φ0.6·φ0.8·φ1.0 φ1.2·φ1.6·φ2.0
FLF07	C7A3	Sn99.0%-Ag0.3%-Cu0.7%	Approx. 217°C	Approx. 226°C	
FLF03	C7	Sn99.3%-Cu0.7%	Approx. 227°C	Approx. 227°C	

Items	RMA-Z	Specifications (Reference)
		JIS Z 3283/AA grade
Alloy composition	FLF01/FLF03/FLF07	—
Flux content	3%	2.7% ~ 3.3%
Halide content	0.06%	0.1% >
Aqueous solution resistance	1,100Ωm	> 1,000Ωm
Insulation resistance test (85°C 85%RH 168hr)	> 1×10 ⁹ Ω	> 1×10 ⁹ Ω
Migration test (85°C 85%RH 1,000hr)	Pass	No migration
Spread rate	75%	> 65%

