

EVASOL

J3-MRK-3

Sn-Ag-Cu series

Lead free resin flux cored wire solder

EVASOL is our product name for flux cored Pb-free wire solder.

This product is suitable for soldering of densely packed components required to be highly reliable soldering as flux cored wire solder.

Table .Characteristics

Items	Characteristics	Test method
Alloy composition (%)	Sn:Balance, Ag:3.0, Cu:0.5	Allowable impurity level is based on JIS Z 3282 class-A
Solidus temperature (°C)	217	D S C (Differential Scanning Calorimetry)
Liquidus temperature (°C)	220	
Flux contents (mass %)	3.0	JIS Z 3197 8.1.2
Chlorine contents (mass%)	0.10	JIS Z 3197 8.1.4.2.1
Copper mirror test	—	JIS Z 3197 8.4.2
Copper plate corrosion test	Passed	JIS Z 3197 8.4.1
Insulation resistance test (Ω)	More than $1.0 \times 10^8$	JIS Z 3197 8.5.3 JIS type, 85°C-85%RH, 168h, measured with DC100V inside of chamber
Migration test	Passed	JIS Z 3197 8.5.3 JIS type, 85°C-85%RH, 1000h, applied with DC48V, visual check
Silver chromate paper test	—	JIS Z 3197 8.1.4.2.3
Aqueous solution resistance test(Ω m)	1050	JIS Z 3197 8.1.1
Dryness test	Passed	JIS Z 3197 8.5.1
Spreading factor test (%)	79	JIS Z 3197 8.3.1.1
Flux scattering factor (%)	1.0	JIS Z 3197 8.3.2.1
Remarks	JIS Z 3197:1999 Testing method for soldering fluxes The products shall be guarantee one year from the date of produce.	

The above data is representative value.