

EVASOL

R4-MTS-4

Sn-Cu series

Lead free resin flux cored wire solder

EVASOL is our product name for flux cored Lead-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:0.3, Cu:0.7	Allowable impurity level is based on JIS Z 3282
Solidus temperature(°C)	217	DSC (Differential Scanning Calorimetry)
Liquidus temperature(°C)	226	
Flux contents(mass %)	4.0	JIS Z 3197 8.1.2
Chlorine contents(mass%)	0.1	JIS Z 3197 8.1.4.2.1
Copper mirror test	Passed	JIS Z 3197 8.4.2
Copper plate corrosion test	Passed	JIS Z 3197 8.4.1
Insulation resistance test(Ω)	More than 5.0×10^8	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
Aqueous solution resistance test(Ω m)	1000	JIS Z 3197 8.1.1
Dryness test	Passed	JIS Z 3197 8.5.1
Spreading factor test(%)	77	JIS Z 3197 8.3.1.1
Remarks	JIS Z 3197:1999 Testing method for soldering fluxes	

The above data is representative value.