

High performance Core Solder (SRS-RMA-NC, BT-19)

Outstanding wetting performance with excellent reliability (RMA compatible) fits to any application.

SRS-RMA-NC

RMA type cored solder with low flux splattering and superb workability. Chloride · Bromide Free solder.

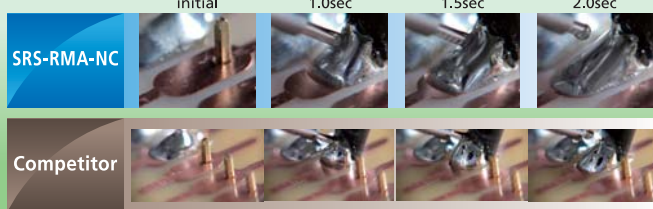
Product Name	SRS-RMA-NC	Competitor
Flux Name	SRS-RMA-NC	-
Flux Category	RMA	RMA
Halogen Content	Cl · Br Free	Br contained
Alloy Name	LFM-48	-
Alloy Composition	Sn-3.0Ag-0.5Cu	Sn-3.0Ag-0.5Cu



Evaluation Solderability Comparison

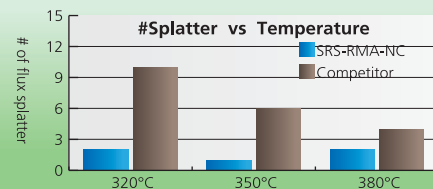
Test Method Compare spreadability and wetting speed against thru-hole component using soldering robot.
Tip temperature : 320°C Feeding amount : 25mm
Feeding Speed : 20mm/sec Pad size : 6 x 3.5mm

«Wetting Comparison»



Evaluation Flux Splattering Test

Test Method Solder Cu plate by point soldering automatically. Cu plate is placed onto thermal paper, then number of flux splattering is counted.
Tip temperature : 320°C, 350°C, 380°C Feeding amount : 5mm
Feeding speed : 10mm/sec Number of soldering point : 20 points
Area of Cu Plate : 90 x 15 mm

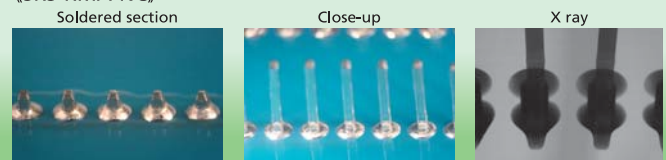


Evaluation Test for wettability against thru-hole

Test Method Validate wettability against thru-hole PCB by draw soldering method using soldering robot.
Tip temperature : 350°C Draw speed : 4 mm/sec Feeding amount : 50mm
Feeding speed : 10mm/sec Pitch : 2.54 mm



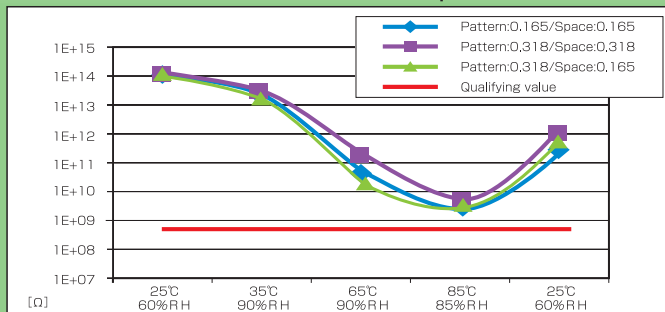
«SRS-RMA-NC»



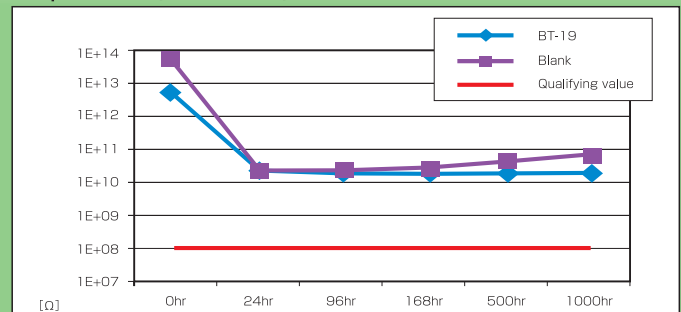
BT-19 LFM-48-S

Excellent workability on soldering discrete components. Compatible to IPC RE L1, MIL RMA specification. Low emission of solderball and flux splattering suits to all application, includes automatic soldering.

SIR Measurement Results Automotive Customer Specification



JIS Specification (85°C / 85%RH)



Product name component for Core Solders

(Example) SRS-RMA-NC LFM-48 3.5% 0.5φ

Flux Name + Alloy Name + Flux Content + Wire Diameter

Core Solders products specification

Flux name	Alloy composition	Melting Temperature	Flux Content	Wire Diameter
SRS-RMA-NC	LFM-48S (Sn-3.0Ag-0.5Cu+0.04Fe)	217-221°C	3.5%	0.3 0.38 0.5 0.65 0.8 1.0
BT-19	LFM-48S (Sn-3.0Ag-0.5Cu+0.04Fe)	217-221°C	3.5%	0.3 0.38 0.5 0.65 0.8 1.0 1.2 1.6

※LFM-48 holds the sublicenses for US PAT No. 5527628