



## ALMIT SRC HM1 RMA V14L SOLDER PASTE

Almit Technology have been developing innovative soldering products for many years. Almit SRC HM1 RMA V14L solder paste is a high quality, no clean solder paste designed for use in most surface mount assembly applications. The importance of using a high quality solder paste should not be underestimated. The most cost effective process is realised by making good quality solder joints as quickly as possible. Almit SRC HM1 RMA V14L solder paste enables users to work within a wide process window whilst achieving very high first time pass rates.

### FEATURES:-

- 1) The paste is capable of printing 0.4mm pitch and the **TIME BETWEEN PRINTS** can be as much as 1 hour
- 2) **PRINT TO PLACE** delay as much as 8 hours
- 3) Component **PLACEMENT TO REFLOW**, up to 16 hours
- 4) **SUPERIOR FLUX WETTABILITY** guarantees bright, shiny joints and full pcb pad coverage on gold and organic coatings. The **UNIQUE** flux action during reflow guarantees void free joints on BGA packages
- 5) The flux residue has a **HIGH S.I.R.** which guarantees high finished product reliability
- 6) Post reflow flux residue does **NOT** need to be cleaned off the pcb
- 7) Small amount of post reflow flux residue does not hinder in-circuit testing, thus **FALSE READINGS** are **ELIMINATED**
- 8) The **EXPENSE** and complication of Nitrogen Re-Flow systems are **AVOIDED**
- 9) Its **SUPERIOR PRINTABILITY** eliminates bridges and ensures stable, high strength joints
- 10) **V14L** is capable of print speeds up to **140mm/sec**
- 11) **V14L** exceeds **Bellcore TR – NWT – 00078** Standard
- 12) **V14L** is supplied to J-Std 004/5/6 IPC-TM 650 Approval

### TYPICAL APPLICATIONS:-

Almit SRC HM1 RMA V14L can be used in ALL areas of Electronic Surface Mount Assembly such as Computers, Audio and Video equipment, Mobile Telephones, and Automotive Electronics. This product has many international company approvals.

**CHARACTERISTICS:-**

<b>ITEMS</b>	<b>HM1 – RMA V14L</b>	<b>TEST METHODS</b>
<b>Solder Alloy</b>	Sn62	QQS-571-F
<b>Particle Size</b>	25-45 microns	IPC-TM-650
<b>Water Extract Resistance</b>	> 100,000 $\Omega$ /cm	QQS-571-F
<b>Surface Insulation Resistance</b>	$\geq 1 \times 10^{12} \Omega$	JIS-Z-3197
<b>Anti - Humidity ( Under an applied voltage )</b>	$\geq 1 \times 10^{12} \Omega$	JIS-Z -3197
<b>Spreadability</b>	$\geq 80\%$	JIS-Z-3197
<b>Flux Type</b>	L1	J-STD-004

**ADDITIONAL INFORMATION:-**

Other documentation available for this product includes:

ALMIT SRC HM1 RMA V14L MATERIAL SAFETY DATA SHEET

ALMIT SRC HM1 RMA V14L SPECIFICATION

ALMIT SRC HM1 RMA V14L EVALUATION AS PER J-STD