



RedRing Solder (Malaysia) Sdn Bhd (56167-X)
Lot 17486, Jalan Dua, Taman Selayang Baru, 68100 Batu Caves,
Selangor, Malaysia. Tel: 603 6138 5757 Fax: 603 6138 1010

QUALITY ASSURANCE REPORT

Customer : TOP ELECTRONICS COMPONENT SA

Description : LEAD FREE SOLDER BAR XB-G220-B20

Specification : JIS Z 3282 STANDARD

Q.C. Number : SB-1631-2015

Lot Number : 1508646

Date : 14-09-2015

ROHS Compliance

ELEMENT	RESULTS	SPECIFICATION
Sn	96.48%	96.5% ± 0.5
Pb	0.028%	0.05%MAX
Sb	0.011%	0.12%MAX
Cu	0.504%	0.5 ± 0.2
Zn	0.00027%	0.002%MAX
Fe	0.0028%	0.02%MAX
Al	0.00074%	0.002%MAX
As	0.013%	0.03%MAX
Cd	<0.00010%	0.002%MAX
Bi	0.0016%	0.10%MAX
Ag	2.94%	3.0 %± 0.2

ELEMENT	RESULTS	SPECIFICATION
Au	<0.00010%	0.005%MAX
Ni	0.0038%	0.005%MAX
In	0.0015%	0.005%MAX

Remarks:

The analysis was established by calculating the arithmetic average of three uniform sputters created on the analyzed sample by an extremely stable spark source. The equipment used to perform the analysis was a Spectrolab Instrument Model M7/8 manufactured by the Spectro Analytical Instrument, USA.

Prepared by:

Q. C. INSPECTOR

Checked by:

Q. A. CHEMIST

Verified by:

QA MANAGER

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