

Attn:

Customer Name:

# ULTRACORE

## PRODUCT SPECIFICATION

Of

SOLDER BAR 63/37 Sn/Pb

### 1. Product Description

Product Type: Tin/Lead Solder Bar

Alloy Type: 63/37 Sn/Pb

Packing Size: 10 Kgs.

Product Code: 163A\*\*

### 2. Specification of solder

Compositions	Specification, %wt
Tin (Sn)	63 ± 1
Lead (Pb)	BALANCE
Antimony (Sb)	0.12 max.
Copper (Cu)	0.05 max.
Bismuth (Bi)	0.10 max.
Zinc (Zn)	0.002 max.
Iron (Fe)	0.02 max.
Aluminium (Al)	0.002 max.
Arsenic (As)	0.03 max.
Silver (Ag)	-
Cadmium (Cd)	0.002 max.

Remark: Total Impurities (Except Sb, Cu, Bi) are 0.08 % max.

This product is manufactured conform to standards of JIS Z 3282-1999 CLASS A.



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### 3. Physical Properties of Solder

Solidus Temperature, °C:	Approx. 183
Liquidus Temperature, °C:	Approx. 184
Specific gravity, g/cm <sup>3</sup> :	Approx. 8.4

### 4. Storage Condition

Store in a dry, covered area and store away from incompatible materials, food or feedstuffs. Solder bar which moisture contained should be dried before inserting in a molten solder bath.

### 5. Health and Hazard Information

Wear a chemical mask if the operators are allergic to the fumes released during soldering.  
For more information, please refer to Material Safety Data Sheet.



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## REVISION

Name of product : SOLDER BAR 63/37 Sn/Pb		Specification No. : SPSDB001/Rev.01	
Revision date	Revision point	Reason of revision	Remark
17/10/2005	New issued	-	
01/02/2007	Change format	-	



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