



**KHOSLA ENGG.  
PVT. LTD., PUNE.**

## PRODUCT SPECIFICATION

**TITLE: KHOSLA 99.3/0.7 (Sn/Cu)  
SUPER DELUXE QUALITY LEAD  
FREE SOLDER BAR**

Ref.No. :PDS/938  
ISSUE NO. : 01  
REV.NO. : 0  
DATE :19.07.2016  
PAGE : 01 of 03

- 1. SCOPE:** This Specification covers specially designed high quality soldering bars used for wave soldering high quality electronic PCB, such as through holes, mixed technology and surface mount assemblies.
- 2. GENERAL:** 'Khosla' Super Deluxe Quality 99.3/0.7 (Sn/Cu) Lead free solder bar are manufactured from high quality virgin raw materials and further processed in such a way that end product ensure low dross, low oxide, great fluidity and high productivity in terms of soldering area. Our sticks also ensure good quality of surface after soldering. These soldering bar are manufactured by method of advanced casting.
- 3 CHEMICAL COMPOSITION :** The chemical composition of 'Khosla' super deluxe quality 99.3/0.7 (Sn/Cu) Lead free solder bar is as below :
  - > Tin : 99.3% ± 0.2%.
  - > Copper : Remainder
  - Impurities : Max. impurities will be as below :

Impurities	% of Impurities(max)
Bismuth	0.01%
Arsenic	0.03%
Iron	0.02%
Aluminum	0.001%
Zinc	0.003%
Cadmium	0.002%
Antimony	0.01 %
Lead	0.070%

- 4 APPLICATION :** 'Khosla' Super Deluxe Quality 99.3/0.7 (Sn/Cu) Lead free solder bar, are used in wave soldering machine pot temperature : 240 - 250° C

**6. SIZE :**

<b>Bottom width (BW)</b>	19 mm
<b>Top width (TW)</b>	22 mm
<b>Height (H)</b>	16 mm
<b>Length (L)</b>	328mm



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### 5. PACKING:

'Khosla Super Deluxe Quality 99.3/0.7 (Sn/Cu) Lead free solder bar are packed in 10 Kg box.

### 7. HANDLING AND STORAGE:

- ❖ 'Khosla Super Deluxe 99.3/0.7 (Sn/Cu) Lead free solder bar to be kept in cool and dry place at room temperature.
- ❖ Do not expose to atmospheric moisture.

### 8. SHELF- LIFE:

'Khosla Super Deluxe 99.3/0.7 (Sn/Cu) Lead free solder bar has infinite year's shelf life, however we recommend "best for use within 3 years from manufacturing date.

Prepared By :  
HOD Q.A.

Approved By :  
Vice President (Ops.)

First time issued; 19.07.2016

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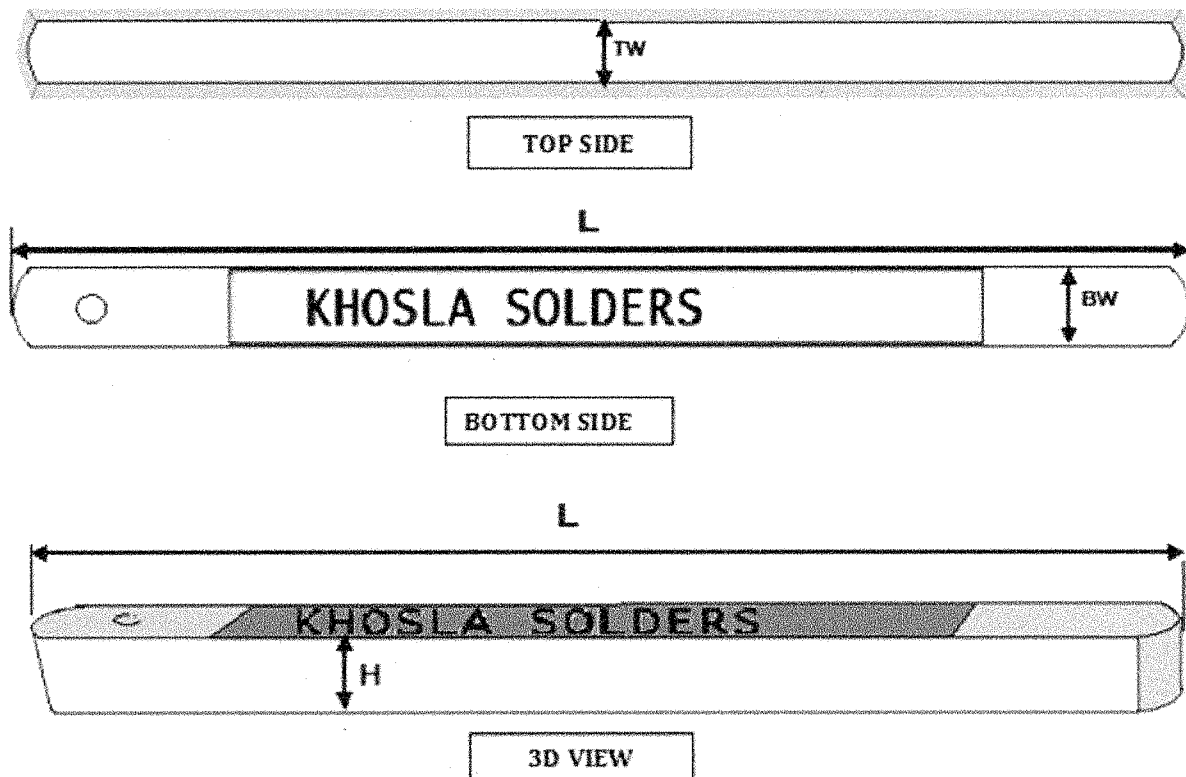
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### DIAGRAM : CASTED STICKS



BW - Bottom width  
TW - Top width  
H - Height  
L - Length

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