



Electroporcelains Division
Bengaluru – 560012, India

PS 901 01 0002

Rev No : 00

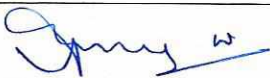
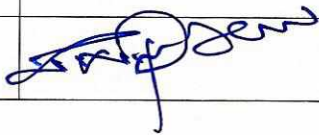
Purchase Specification
Group : Photovoltaic Module

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BUS BAR

- 1.0 ITEM** : Bus Bar (Tin-Lead-Silver - 62:36:2)
- 2.0 WIDTH** : 5.0 ± 0.2 mm
- 3.0 THICKNESS** : 0.3 ± 0.03 mm (basic copper thickness)
- 4.0 MATERIAL** : Electrolytic tough pitched (ETP) copper as per IS: 191-1980
- 5.0 SURFACE FINISH** : a) Coating
- Coated with 62:36:2 Tin-Lead-Silver Solder
- Coating thickness: 16 to 25 microns on each side
- Uniform and bright coating, good adhesion on either side
b) Mechanical
- Natural rounded edges, coated all around
- 6.0 CAMBER** : <5 mm / meter
- 7.0 FUNCTIONAL REQUIREMENT** : For interconnecting PV cell strings
- 8.0 PACKING & MARKING** : a) To be supplied in spools
b) To be labelled on the packing consignment:

BHEL / PS 901 01 0002
Bus Bar (Tin-Lead-Silver - 62:36:2)
Dimension : 5 x 0.3 mm, coating: 16 to 25 microns
Mfd. Month / Year :
Weight :
- 9. INSPECTION AT BHEL** : a) Visual Inspection, Dimensional & Properties evaluation.
b) Single Sampling Plan as per IS:10673-1983, Special Inspection Level S-4, AQL 1.0

Prepared By: PK	Reviewed By: NAR	Approved By: CNP	Date of Issue
			13.08.2016