



Electroporcelains Division
Bengaluru – 560012, India

Purchase Specification
Group : Photovoltaic Module

PS 901 01 0003

Rev No : 00

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INTERCONNECT (TIN-LEAD-SILVER - 62:36:2) – 3 BUS BAR

- 1.0 ITEM** : Interconnect (Tin-Lead-Silver 62:36:2) – 3BB
- 2.0 WIDTH** : 1.7 ± 0.1 mm
- 3.0 THICKNESS** : 0.13 ± 0.01 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** : Required to be attached to silicon solar cells by soldering
- 8.0 PACKING & MARKING** : a) To be supplied in spools
: b) To be labelled on the packing consignment:
BHEL / PS-901 01 0003.
Interconnect (Tin-Lead-Silver - 62:36:2)
Dimension: 1.7×0.13 mm
Coating: 16 to 25 microns
Mfd. Month / Year:
Weight:
- 9.0 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

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