



**ELECTROPORCELAINS DIVISION
BENGALURU – 560012, INDIA
Purchase Specification
Group : Photovoltaic Module**

DOC. NO: EP-901-01-0008

REV. 00

JOB NO.-IC

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INTERCONNECT (TIN-LEAD-SILVER 62:36:2) 3 BB

- 1.0 ITEM : Interconnect (Tin-Lead-Silver 62:36:2)
- 2.0 WIDTH : 1.7 ± 0.1 mm
- 3.0 THICKNESS : 0.2 ± 0.01 mm (Basic copper Thickness)
- 4.0 MATERIAL : Electrolytic tough pitched (ETP) (Copper purity 99.999%)
- 5.0 SURFACE FINISH :
a) Coating
- Coated with 62:36:2 Tin-lead-Silver Solder.
- Coating thickness: 20 to 30 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 μ
Mfd. Month / Year:
Weight:
- 9.0 INSPECTION AT BHEL:
a) Visual Inspection, Dimensional and properties evaluation.
b) Single sampling plan as per IS : 10673-1983, Special inspection level S-4, AQL 1.0

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