

TECHNICAL SPECIFICATION OF HEAT SINK FOR MOUNTING THYRISTOR BRIDGE OF AVR

ITEM-1

Heat Sink with the following specifications

Material code	BP9047581679
Application	Heat Sink is required for mounting and dissipating the power losses of thyristors in Automatic Voltage Regulator
Type	As per our drawing no. 4 655 14 00088 Rev 02
Material	Aluminum alloy 6063 T6
Finish	'Anodized Black' to 5-7microns throughout except device seating area (as shown in the drawing). Device seating area should have a finish of 1.5 microns or less.
Thermal impedance	1.75 °C / W or better

NOTES TO THE SUPPLIER:

- The supplier shall in his offer clearly spell out any deviations made on the above specifications.
- 3 copies of TC to be submitted along with the consignment. Consignment can be rejected if the material does not conform to the above specification during testing at BHEL Works.

	Name	Signature	Specification no: CEE/10018
Prepared & checked by	Shalini Sharma		
Approved by	A Mitra		Revision no: 00
Date	20.07.10		Date of revision:

