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| LOC | | DIST | | REVISIONS | | | |
|-----|-----|-------------------------------|--|-----------|-----|------|--|
| P | LTR | DESCRIPTION | | DATE | DWN | APVD | |
| A1 | | Released as per ECR-08-022292 | | 4-Sep-08 | SP | JC | |

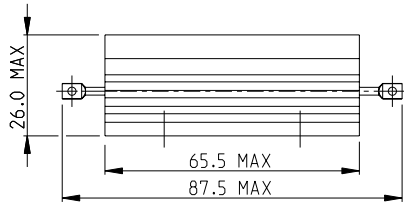
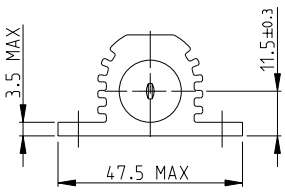
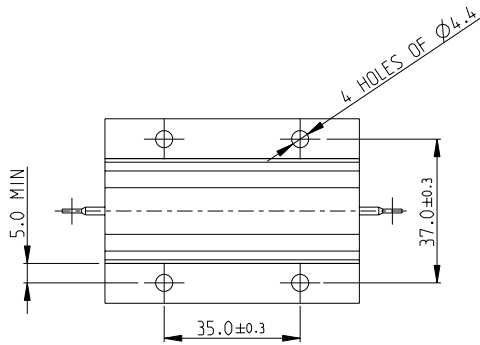
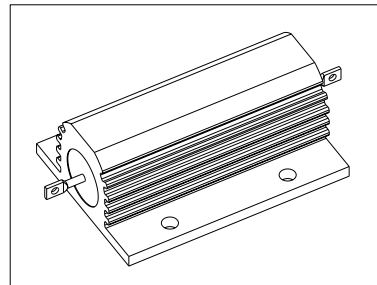
1 FOR FURTHER INFORMATION SEE DATA SHEET FOR HS SERIES-ALUMINIUM HOUSED RESISTORS

2 FOR A SPECIFIC PN FOR A RESISTANCE VALUE AND TOLERANCE, PLEASE REFER TO DMF

3 TECHNICAL SPECIFICATION

DISSIPATION AT 25°C : 100 WATTS MOUNTED ON STD HEATSINK
 OHMIC RANGE : R10 TO 75K
 STABILITY : $\Delta R < = 2\%$ PER 1000Hrs
 ISOLATION VOLTAGE : 3500V DC/AC pk
 MAX WORKING VOLTAGE : 1900V DC/AC rms
 TEMP COEFFICIENT : $> 1R0$ 50ppm
 $> 100R$ 25ppm
 CLIMATIC CATEGORY : 55/200/56

RoHS Compliant



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| <small>THIS DRAWING IS A CONTROLLED DOCUMENT FOR TYCO ELECTRONICS CORPORATION IT IS SUBJECT TO CHANGE AND THE CONTROLLING ENGINEERING ORGANIZATION SHOULD BE CONTACTED FOR THE LATEST REVISION.</small> | | DWN DAVE KENNEDY 27.SEP.05 CHK J CATCHPOLE 28.SEP.05 APVD J CATCHPOLE 28.SEP.05 | Tyco Electronics Corporation Dorcan, Swindon, SN3 5HH |
| DIMENSIONS: mm | TOLERANCES UNLESS OTHERWISE SPECIFIED: 0 PLC ±0.5 1 PLC ±0.2 2 PLC ±0.1 3 PLC ± 4 PLC ± ANGLES ±° | NAME HSC100 METAL HOUSED POWER RESISTOR | RESTRICTED TO |
| MATERIAL - FINISH - | | SIZE A3 CAGE CODE 00779 DRAWING NO C-1625999 | WEIGHT - CUSTOMER DRAWING |
| AMP 1470-19 REV 31MAR2000 Pro/ENGINEER DRAWING | | SCALE 1:1 SHEET 1 OF 1 REV A1 | |