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

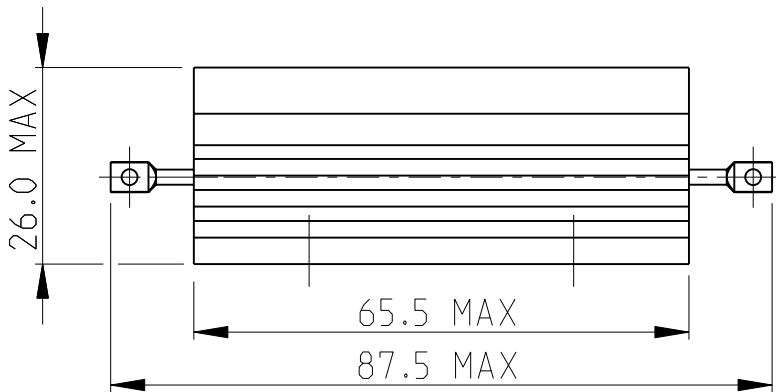
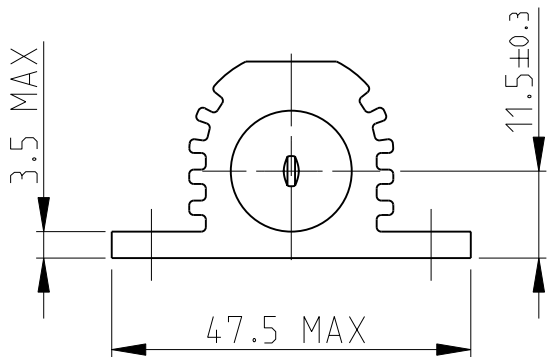
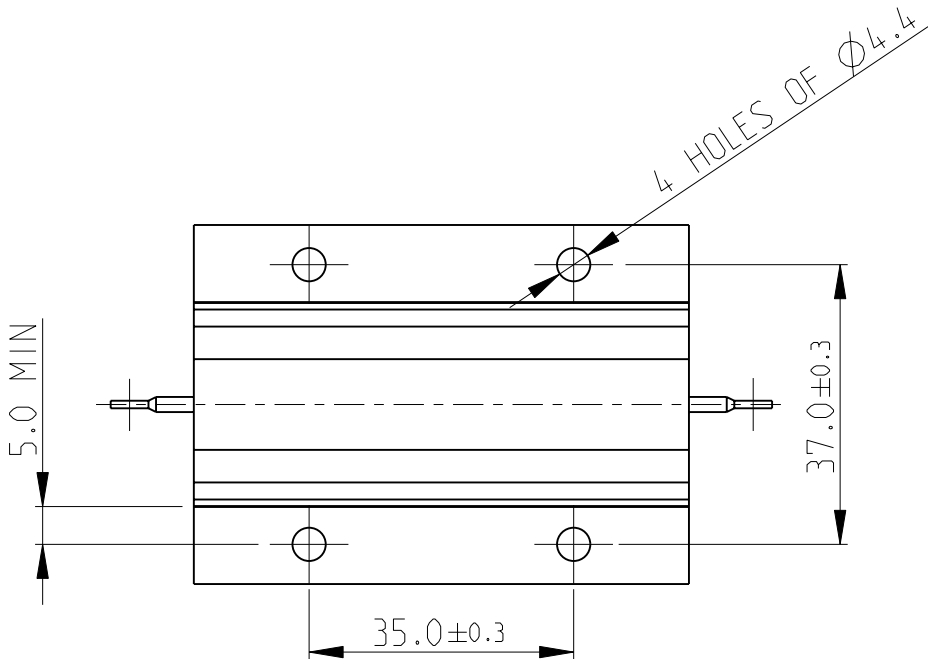
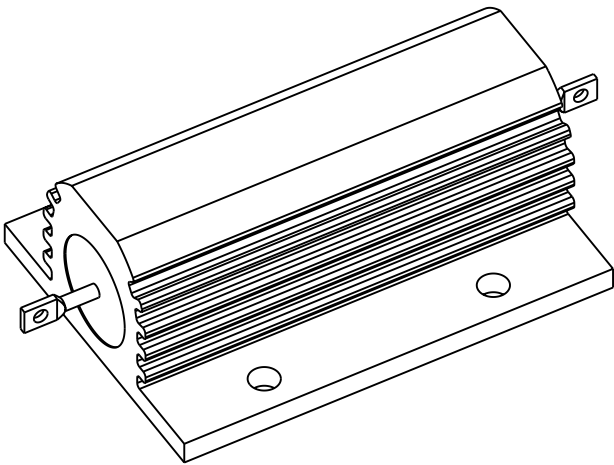
1 FOR FURTHER INFORMATION SEE DATA SHEET FOR HS SERIES-ALUMINIUM HOUSED RESISTORS

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 : Δ 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



|                                                                                                                                                                                                |  |                     |              |                                                          |  |           |
|------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------|--|---------------------|--------------|----------------------------------------------------------|--|-----------|
| THIS DRAWING IS A CONTROLLED DOCUMENT FOR TYCO ELECTRONICS CORPORATION<br>IT IS SUBJECT TO CHANGE AND THE CONTROLLING ENGINEERING ORGANIZATION<br>SHOULD BE CONTACTED FOR THE LATEST REVISION. |  | DWN<br>DAVE KENNEDY | 27.SEP.05    | Tyco Electronics Corporation<br>Dorcan, Swindon, SN3 5HH |  |           |
|                                                                                                                                                                                                |  | CHK<br>J CATCHPOLE  | 28.SEP.05    |                                                          |  |           |
|                                                                                                                                                                                                |  | APVD<br>J CATCHPOLE | 28.SEP.05    | NAME<br>HSC100 METAL HOUSED<br>POWER RESISTOR            |  |           |
|                                                                                                                                                                                                |  | PRODUCT SPEC        | -            |                                                          |  |           |
|                                                                                                                                                                                                |  | APPLICATION SPEC    | -            | SIZE<br>A3                                               |  |           |
|                                                                                                                                                                                                |  | WEIGHT              | -            |                                                          |  |           |
|                                                                                                                                                                                                |  | CUSTOMER DRAWING    | SCALE<br>1:1 | SHEET<br>1 OF 1                                          |  | REV<br>A1 |