

| REVISIONS |     |                               |           |     |      |
|-----------|-----|-------------------------------|-----------|-----|------|
| P         | LTR | DESCRIPTION                   | DATE      | DWN | APVD |
|           | A1  | Released as per ECR-08-022292 | 4-Sep-08  | SP  | JC   |
|           | AH  | ECR-16-003725                 | 12MAR2016 | KR  | TN   |
|           |     |                               |           |     |      |
|           |     |                               |           |     |      |

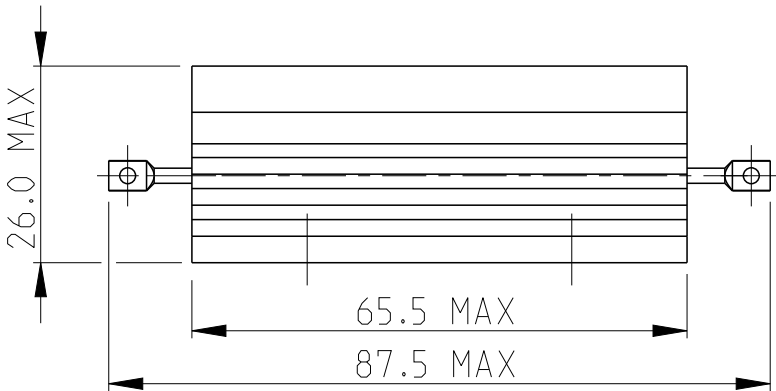
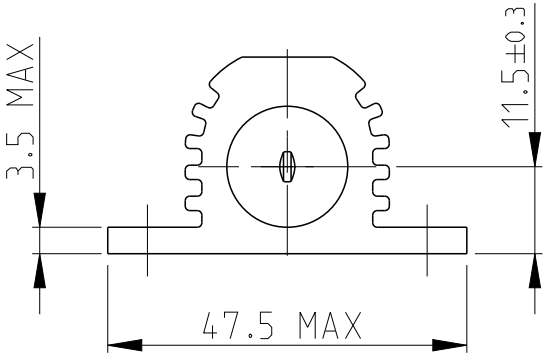
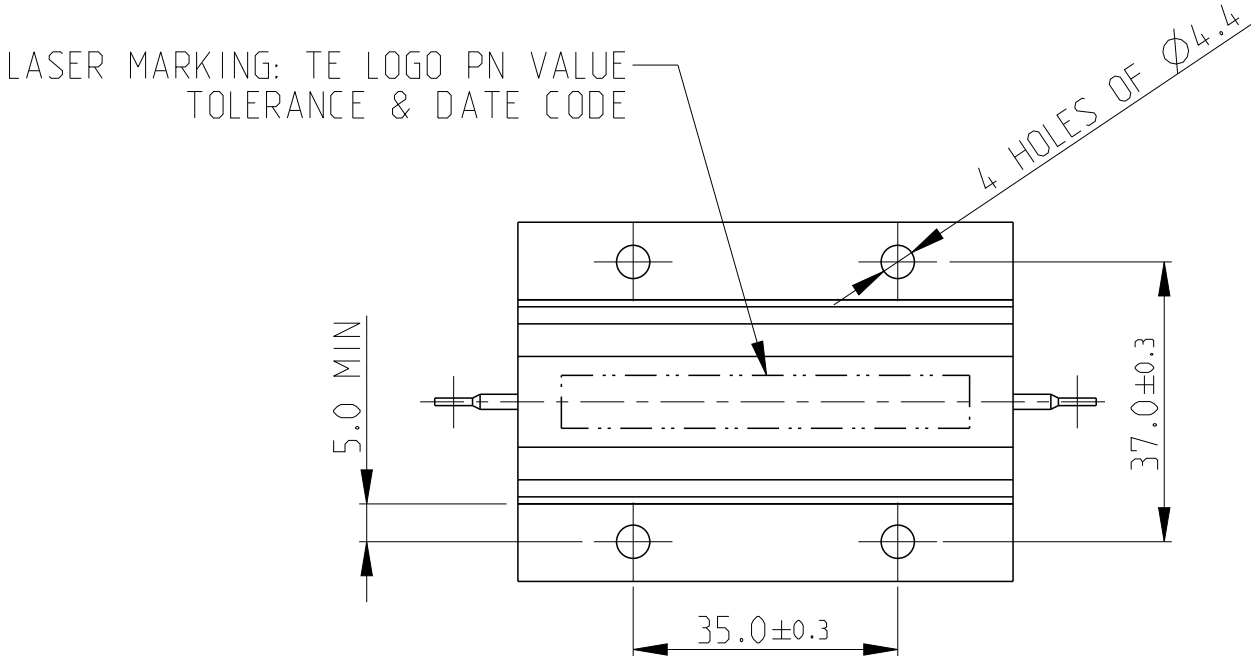
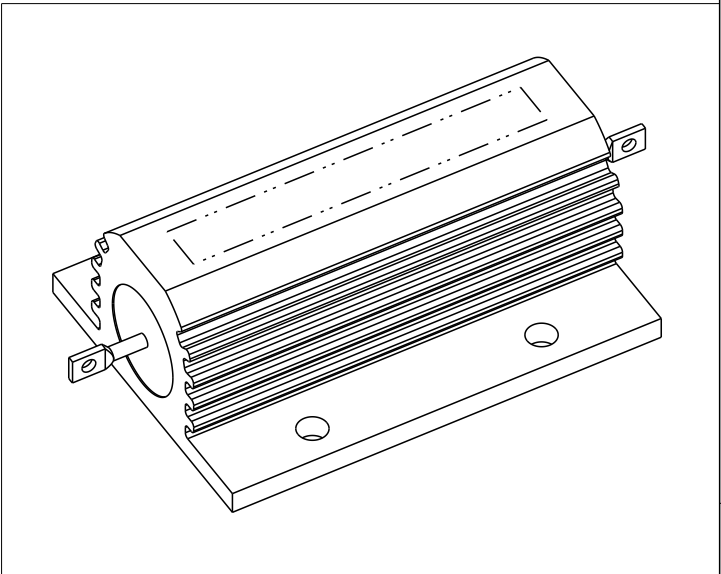
1 FOR FURTHER INFORMATION SEE DATA SHEET FOR HS SERIES-ALUMINIUM HOUSED RESISTORS

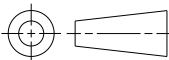
2 FOR A SPECIFIC PN FOR A RESISTANCE VALUE AND TOLERANCE, PLEASE REFER TO DMF

3 TECHNICAL SPECIFICATION

DISSIPATION AT 25°C : 100 WATTS MOUNTED ON STD HEATSINK  
OHMIC RANGE : R10 TO 75K  
STABILITY :  $\Delta R \leq 2\%$  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.                                                |                                                                            | DWN<br>DAVE KENNEDY<br>27.SEP.05 | <div>TE Connectivity</div> |                    |                         |                    |           |
| DIMENSIONS:<br>mm                                                                     | TOLERANCES UNLESS<br>OTHERWISE SPECIFIED:                                  | CHK<br>J CATCHPOLE<br>28.SEP.05  |                                                                                                                 |                    |                         |                    |           |
|                                                                                       |                                                                            | APVD<br>J CATCHPOLE<br>28.SEP.05 |                                                                                                                 |                    |                         |                    |           |
|  | 0 PLC ±0.5<br>1 PLC ±0.2<br>2 PLC ±0.1<br>3 PLC ±<br>4 PLC ±<br>ANGLES 45° | PRODUCT SPEC                     | NAME<br>HSC100 METAL HOUSED<br>POWER RESISTOR                                                                   |                    |                         |                    |           |
|                                                                                       |                                                                            | APPLICATION SPEC                 |                                                                                                                 |                    |                         |                    |           |
|                                                                                       |                                                                            | WEIGHT                           |                                                                                                                 |                    |                         |                    |           |
| MATERIAL<br>-<br>material_2                                                           | FINISH<br>-<br>finish_spec_2                                               | WEIGHT<br>-                      | SIZE<br>A3                                                                                                      | CAGE CODE<br>00779 | DRAWING NO<br>C-1625999 | RESTRICTED TO<br>- |           |
| CUSTOMER DRAWING                                                                      |                                                                            |                                  |                                                                                                                 |                    | SCALE<br>1:1            | SHEET<br>1 OF 1    | REV<br>AH |