

| LOC | DIST | REVISIONS |     |                           |           |     |      |
|-----|------|-----------|-----|---------------------------|-----------|-----|------|
|     |      | P         | LTR | DESCRIPTION               | DATE      | DWN | APVD |
| E   | B    |           | B2  | REVISED PER ECO-11-005150 | 29MAR2011 | RK  | HMR  |
|     |      |           | L   | ECR-16-003725             | 12MAR2016 | KR  | TN   |

LASER MARKING: TE LOGO PN VALUE  
TOLERANCE & DATE CODE

2x $\varnothing 3.3 \pm 0.2$  HOLES

21.40 $\pm 0.15$

2.8  
MIN

39.70 $\pm 0.15$

51 MAX

72.5 MAX

3.2  
MAX

8.2 $\pm 0.3$

30 MAX

DETAIL A  
SCALE 4:1

$\varnothing 2.1 \pm 0.1$

0.5 A-B

11.0 MAX

4.0 $\pm 0.4$

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 : 50 WATTS MOUNTED  
ON STANDARD HEATSINK

BS OHMIC RANGE : R051 TO 72K

STABILITY :  $\Delta R < = 1\%$  PER 1000Hrs

ISOLATION VOLTAGE : 2500V DC/AC pk

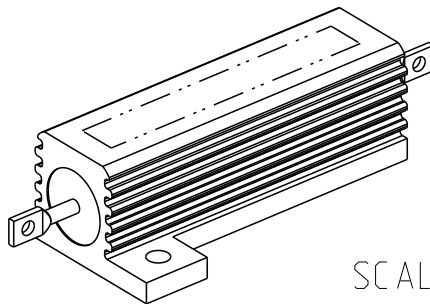
MAX WORKING VOLTAGE : 1250V DC/AC rms

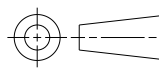
TEMP COEFFICIENT : > 1R0 50ppm

> 100R 25ppm

CLIMATIC CATEGORY : 55/200/56

RoHS Compliant



|                                                                                       |  |                                                                                                                                                                                              |  |                                                                                                       |  |                             |  |                         |  |                        |  |
|---------------------------------------------------------------------------------------|--|----------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------|--|-------------------------------------------------------------------------------------------------------|--|-----------------------------|--|-------------------------|--|------------------------|--|
| THIS DRAWING IS A CONTROLLED DOCUMENT.                                                |  | DWN<br>DAVE KENNEDY<br>22.SEP.05                                                                                                                                                             |  |  TE Connectivity |  |                             |  |                         |  |                        |  |
|                                                                                       |  | CHK<br>J CATCHPOLE<br>23.SEP.05                                                                                                                                                              |  |                                                                                                       |  |                             |  |                         |  |                        |  |
| DIMENSIONS:<br><br>mm                                                                 |  | TOLERANCES UNLESS<br>OTHERWISE SPECIFIED:<br><br>0 PLC            ±0.5<br>1 PLC            ±0.2<br>2 PLC            ±0.1<br>3 PLC            ±<br>4 PLC            ±<br>ANGLES           ±5° |  | APVD<br>J CATCHPOLE<br>23.SEP.05                                                                      |  | NAME<br><br>HSA50 WIDE BORE |  |                         |  |                        |  |
|  |  |                                                                                                                                                                                              |  | PRODUCT SPEC<br><br>-                                                                                 |  |                             |  |                         |  |                        |  |
|                                                                                       |  | APPLICATION SPEC<br><br>-                                                                                                                                                                    |  | SIZE<br>A3                                                                                            |  | CAGE CODE<br>00779          |  | DRAWING NO<br>C-1625984 |  | RESTRICTED TO<br><br>- |  |
| MATERIAL<br>-                                                                         |  | FINISH<br>-                                                                                                                                                                                  |  |                                                                                                       |  |                             |  |                         |  |                        |  |
| CUSTOMER DRAWING                                                                      |  |                                                                                                                                                                                              |  |                                                                                                       |  | SCALE<br>3:1                |  | SHEET<br>1 OF 1         |  | REV<br>L               |  |