

| REVISIONS |     |                               |           |     |      |
|-----------|-----|-------------------------------|-----------|-----|------|
| P         | LTR | DESCRIPTION                   | DATE      | DWN | APVD |
|           | B1  | Released as per ECR-08-022292 | 4-Sep-08  | SP  | JC   |
|           | AN  | ECR-16-003733                 | 12MAR2016 | KR  | TN   |
|           |     |                               |           |     |      |
|           |     |                               |           |     |      |

LASER MARKING: TE LOGO PN VALUE  
TOLERANCE & DATE CODE

2xØ3.3 HOLES

21.4±0.15

2.8  
MIN

39.7±0.15

17 MAX

51 MAX

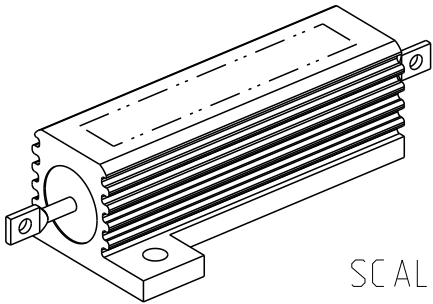
72.5 MAX

3.2  
MAX

30 MAX

8.2±0.3

RoHS Compliant



SCALE 1:1

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 : ΔR < =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

|                                        |  |                  |             |                                                                                                                 |  |  |
|----------------------------------------|--|------------------|-------------|-----------------------------------------------------------------------------------------------------------------|--|--|
| THIS DRAWING IS A CONTROLLED DOCUMENT. |  | DWN              | 29.SEP.05   | <div>TE Connectivity</div> |  |  |
|                                        |  | CHK              | 30.SEP.05   |                                                                                                                 |  |  |
|                                        |  |                  | J CATCHPOLE | NAME<br>HSA50 WIDE BORE                                                                                         |  |  |
|                                        |  |                  | J CATCHPOLE |                                                                                                                 |  |  |
|                                        |  | APVD             | 30.SEP.05   | SIZE<br>A3                                                                                                      |  |  |
|                                        |  |                  | J CATCHPOLE |                                                                                                                 |  |  |
|                                        |  | PRODUCT SPEC     |             | CAGE CODE<br>00779                                                                                              |  |  |
|                                        |  |                  |             |                                                                                                                 |  |  |
|                                        |  | APPLICATION SPEC |             | DRAWING NO<br>C=1630186                                                                                         |  |  |
|                                        |  |                  |             |                                                                                                                 |  |  |
|                                        |  | WEIGHT           | -           | RESTRICTED TO<br>-                                                                                              |  |  |
|                                        |  |                  |             |                                                                                                                 |  |  |
|                                        |  | CUSTOMER DRAWING |             | SCALE<br>2:1                                                                                                    |  |  |
|                                        |  |                  |             |                                                                                                                 |  |  |
|                                        |  |                  |             | SHEET<br>1 OF 1                                                                                                 |  |  |
|                                        |  |                  |             |                                                                                                                 |  |  |
|                                        |  |                  |             | REV<br>AN                                                                                                       |  |  |
|                                        |  |                  |             |                                                                                                                 |  |  |