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RELEASED FOR PUBLICATION

OCT. 2005

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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 |
| | | | | | |
| | | | | | |

LASER MARKING: TE LOGO PN VALUE
TOLERANCE & DATE CODE4 HOLES OF $\varnothing 4.4$

1 FOR FURTHER INFORMATION SEE DATA SHEET FOR
HS SERIES-ALUMINIUM HOUSED RESISTORS2 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 27.SEP.05
DAVE KENNEDYCHK 28.SEP.05
J CATCHPOLEAPVD 28.SEP.05
J CATCHPOLE

PRODUCT SPEC

-

APPLICATION SPEC

-

WEIGHT

-

CUSTOMER DRAWING

TE Connectivity

NAME
HSC100 METAL HOUSED
POWER RESISTOR

SIZE

A3

CAGE CODE

00779

DRAWING NO

C=1625999

RESTRICTED TO

-

SCALE 1:1

SHEET 1 OF 1

REV AH

DIMENSIONS:

mm

TOLERANCES UNLESS
OTHERWISE SPECIFIED:

| | |
|--------|---------------|
| 0 PLC | ± 0.5 |
| 1 PLC | ± 0.2 |
| 2 PLC | ± 0.1 |
| 3 PLC | \pm |
| 4 PLC | \pm |
| ANGLES | $\pm 5^\circ$ |

MATERIAL

material_2

FINISH

finish_spec_2

1470-19 (3/13)

Mouser Electronics

Authorized Distributor

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[TE Connectivity:](#)

[HSC1001R0J](#)