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RELEASED FOR PUBLICATION

SEP. 2005

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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
	AN1	CLARIFICATION OF SOLDER TAG HOLE DIMENSION	10MAY2022	AJ	AP

LASER MARKING: TE LOGO PN VALUE  
TOLERANCE & DATE CODE

2xØ3.3 HOLES

21.4 ± 0.15

39.7 ± 0.15

2.8 MIN

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 : 50 WATTS MOUNTED  
ON STANDARD HEATSINK

BS OHMIC RANGE : R051 TO 72K

STABILITY :  $\Delta R \leq 1\%$  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

17 MAX

51 MAX

72.5 MAX

2xØ2.1 ± 0.1

3.2 MAX

8.2 ± 0.3

30 MAX

RoHS Compliant

SCALE 1:1

THIS DRAWING IS A CONTROLLED DOCUMENT.

DWN 29.SEP.05  
DAVE KENNEDYCHK 30.SEP.05  
J CATCHPOLEAPVD 30.SEP.05  
J CATCHPOLE

PRODUCT SPEC

APPLICATION SPEC

WEIGHT -

CUSTOMER DRAWING

NAME  
HSA50 WIDE BORE

SIZE CAGE CODE DRAWING NO

A3 00779 C-1630186

SCALE 2:1

TE Connectivity

RESTRICTED TO

SHEET 1 OF 1

REV AN1

DIMENSIONS:  
mmTOLERANCES UNLESS  
OTHERWISE SPECIFIED:

0 PLC	±0.5
1 PLC	±0.2
2 PLC	±0.1
3 PLC	±
4 PLC	±
ANGLES	±5°

MATERIAL

material\_2

FINISH

finish\_spec\_2

1470-19 (3/13)