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RELEASED FOR PUBLICATION

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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
AH1		ECR-18-019547	14DEC2018	SR	AP
AH2		ECR-19-004212	15MAR2019	SR	CB

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

5.0 MIN

37.0 ± 0.3

35.0 ± 0.3

3.5 MAX

47.5 MAX

11.5 ± 0.3

26.0 MAX

65.5 MAX

87.5 MAX

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 DMF3 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 : 3500VAC rms

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

DIMENSIONS:

mm

TOLERANCES UNLESS  
OTHERWISE SPECIFIED:

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

MATERIAL

-

FINISH

-

SCALE

1:1

SHEET

1 OF 1

REV

AH2

1470-19 (3/13)

# Mouser Electronics

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[HSC100220RJ](#)