

4

3

2

1

THIS DRAWING IS UNPUBLISHED.

RELEASED FOR PUBLICATION

DEC. 2005

© COPYRIGHT 2005

BY -

ALL RIGHTS RESERVED.

REVISIONS

P	LTR	DESCRIPTION	DATE	DWN	APVD
	A1	Released as per ECR-08-022292	4-Sep-08	SP	JC
	B	ECR-16-003733	12MAR2016	KR	TN

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

5.0 MIN

35.0±0.3

37.0±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 DMF

3 TECHNICAL SPECIFICATION

DISSIPATION AT 25°C : 100 WATTS MOUNTED  
ON STD HEATSINK

OHMIC RANGE : R10 TO 75K

STABILITY :  $\Delta R < = 2\%$  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 14.Jul.05  
DAVE KENNEDYCHK 16.Jul.05  
J CATCHPOLEAPVD 16.Jul.05  
J CATCHPOLE

PRODUCT SPEC

APPLICATION SPEC

WEIGHT -

CUSTOMER DRAWING

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

material\_2

FINISH

finish\_spec\_2

TE Connectivity

NAME  
HSC100 METAL HOUSED  
POWER RESISTOR

SIZE

A3 00779

CAGE CODE

C=1879020

DRAWING NO

RESTRICTED TO

-

SCALE 1:1

SHEET 1 OF 1

REV B

1470-19 (3/13)