

P	LTR	DESCRIPTION	DATE	DWN	APVD
	A	INITIAL DRAWING RELEASE	20MAR2024	DM	AP

NOTES:

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 TE.COM

3 TECHNICAL SPECIFICATION

DISSIPATION AT 25°C : 400 WATTS MOUNTED ON STANDARD HEATSINK

RESISTANCE RANGE : 1R0 TO 100K

STABILITY : $\Delta R < = 3\%$ PER 1000Hrs

ISOLATION VOLTAGE : 3600V DC/AC pk

MAX. WORKING VOLTAGE : 2500V DC/AC rms

TEMP COEFFICIENT : $\leq 100R, 50ppm$

$>100R, 25ppm$

CLIMATIC CATEGORY : 55/200/56

LASER MARKING TE LOGO PN VALUE
TOLERANCE & DATE CODE

6 HOLES, $\varnothing 6.5$

5.6 MIN.

59.0 $\pm$ 0.3

71 $\pm$ 0.3

71 $\pm$ 0.3

11.5 $\pm$ 0.1

M6 ST/STEEL TERMINAL STUDS
EACH SUPPLIED WITH-
2 OFF M6 ST/STEEL FULL NUTS
2 OFF M6 ST/STEEL PLAIN WASHERS

GOLD ANODISED
ALUMINIUM HOUSING

215.0 MAX.

166.0 MAX.

42.0 MAX.

5.0 MIN.

73.0 MAX.

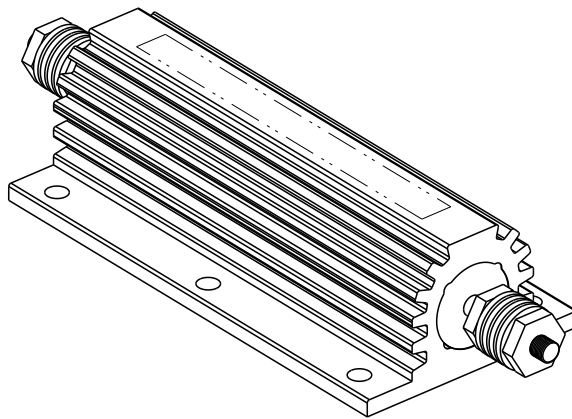
20.25 $\pm$ 0.5

20.0

THREAD M6

25.0 NOM.

RoHS Compliant



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DWN 20MAR2024

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PRODUCT SPEC

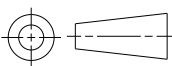
APPLICATION SPEC

WEIGHT

CUSTOMER DRAWING

DIMENSIONS:
mm

TOLERANCES UNLESS
OTHERWISE SPECIFIED:



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

MATERIAL

FINISH



TE Connectivity

NAME
ALUMINIUM HOUSED POWER RESISTORS
TYPE HSHC400 SERIES

SIZE CAGE CODE DRAWING NO RESTRICTED TO

A3 00779 C-2176734

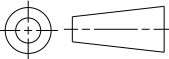
SCALE 1:2 SHEET 1 OF 3 REV A

REVISIONS

P	LTR	DESCRIPTION	DATE	DWN	APVD
	-	SEE SHEET 1	-	-	-

SCHEDULE

TCPN	CATALOGUE NUMBER	PART DESCRIPTION	PART STATUS
2176734-1	HSHC4001R0J	HSHC400 1R0 5%	PRODUCTION
2176734-2	HSHC4001R2J	HSHC400 1R2 5%	PRODUCTION
2176734-3	HSHC4001R5J	HSHC400 1R5 5%	PRODUCTION
2176734-4	HSHC4001R8J	HSHC400 1R8 5%	PRODUCTION
2176734-5	HSHC4002R2J	HSHC400 2R2 5%	PRODUCTION
2176734-6	HSHC4002R7J	HSHC400 2R7 5%	PRODUCTION
2176734-7	HSHC4003R3J	HSHC400 3R3 5%	PRODUCTION
2176734-8	HSHC4003R9J	HSHC400 3R9 5%	PRODUCTION
2176734-9	HSHC4004R7J	HSHC400 4R7 5%	PRODUCTION
1-2176734-0	HSHC4005R6J	HSHC400 5R6 5%	PRODUCTION
1-2176734-1	HSHC4006R8J	HSHC400 6R8 5%	PRODUCTION
1-2176734-2	HSHC4008R2J	HSHC400 8R2 5%	PRODUCTION
1-2176734-3	HSHC40010RJ	HSHC400 10R 5%	PRODUCTION
1-2176734-4	HSHC40012RJ	HSHC400 12R 5%	PRODUCTION
1-2176734-5	HSHC40015RJ	HSHC400 15R 5%	PRODUCTION
1-2176734-6	HSHC40018RJ	HSHC400 18R 5%	PRODUCTION
1-2176734-7	HSHC40022RJ	HSHC400 22R 5%	PRODUCTION
1-2176734-8	HSHC40027RJ	HSHC400 27R 5%	PRODUCTION
1-2176734-9	HSHC40033RJ	HSHC400 33R 5%	PRODUCTION
2-2176734-0	HSHC40039RJ	HSHC400 39R 5%	PRODUCTION
2-2176734-1	HSHC40047RJ	HSHC400 47R 5%	PRODUCTION
2-2176734-2	HSHC40056RJ	HSHC400 56R 5%	PRODUCTION
2-2176734-3	HSHC40068RJ	HSHC400 68R 5%	PRODUCTION
2-2176734-4	HSHC40082RJ	HSHC400 82R 5%	PRODUCTION
2-2176734-5	HSHC400100RJ	HSHC400 100R 5%	PRODUCTION
2-2176734-6	HSHC400120RJ	HSHC400 120R 5%	PRODUCTION
2-2176734-7	HSHC400150RJ	HSHC400 150R 5%	PRODUCTION
2-2176734-8	HSHC400180RJ	HSHC400 180R 5%	PRODUCTION
2-2176734-9	HSHC400220RJ	HSHC400 220R 5%	PRODUCTION
3-2176734-0	HSHC400270RJ	HSHC400 270R 5%	PRODUCTION

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		CHK TRACY G 20MAR2024				
DIMENSIONS: mm		APVD ALLAN P 20MAR2024	NAME ALUMINIUM HOUSED POWER RESISTORS TYPE HSHC400 SERIES			
		PRODUCT SPEC -	SIZE A3			
		APPLICATION SPEC -				
MATERIAL -		WEIGHT -	CAGE CODE 00779	DRAWING NO C-2176734	RESTRICTED TO -	
		CUSTOMER DRAWING			SCALE 1:1	SHEET 2 OF 3
					REV A	

REVISIONS

P	LTR	DESCRIPTION	DATE	DWN	APVD
	-	SEE SHEET 1	-	-	-

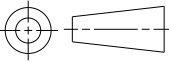
SCHEDULE

TCPN	CATALOGUE NUMBER	PART DESCRIPTION	PART STATUS
3-2176734-1	HSHC400330RJ	HSHC400 330R 5%	PRODUCTION
3-2176734-2	HSHC400390RJ	HSHC400 390R 5%	PRODUCTION
3-2176734-3	HSHC400470RJ	HSHC400 470R 5%	PRODUCTION
3-2176734-4	HSHC400560RJ	HSHC400 560R 5%	PRODUCTION
3-2176734-5	HSHC400680RJ	HSHC400 680R 5%	PRODUCTION
3-2176734-6	HSHC400820RJ	HSHC400 820R 5%	PRODUCTION
3-2176734-7	HSHC4001K0J	HSHC400 1K0 5%	PRODUCTION
3-2176734-8	HSHC4001K2J	HSHC400 1K2 5%	PRODUCTION
3-2176734-9	HSHC4001K5J	HSHC400 1K5 5%	PRODUCTION
4-2176734-0	HSHC4001K8J	HSHC400 1K8 5%	PRODUCTION
4-2176734-1	HSHC4002K2J	HSHC400 2K2 5%	PRODUCTION
4-2176734-2	HSHC4002K7J	HSHC400 2K7 5%	PRODUCTION
4-2176734-3	HSHC4003K3J	HSHC400 3K3 5%	PRODUCTION
4-2176734-4	HSHC4003K9J	HSHC400 3K9 5%	PRODUCTION
4-2176734-5	HSHC4004K7J	HSHC400 4K7 5%	PRODUCTION
4-2176734-6	HSHC4005K6J	HSHC400 5K6 5%	PRODUCTION
4-2176734-7	HSHC4006K8J	HSHC400 6K8 5%	PRODUCTION
4-2176734-8	HSHC4008K2J	HSHC400 8K2 5%	PRODUCTION
4-2176734-9	HSHC40010KJ	HSHC400 10K 5%	PRODUCTION
5-2176734-0	HSHC40012KJ	HSHC400 12K 5%	PRODUCTION
5-2176734-1	HSHC40015KJ	HSHC400 15K 5%	PRODUCTION
5-2176734-2	HSHC40018KJ	HSHC400 18K 5%	PRODUCTION
5-2176734-3	HSHC40022KJ	HSHC400 22K 5%	PRODUCTION
5-2176734-4	HSHC40027KJ	HSHC400 27K 5%	PRODUCTION
5-2176734-5	HSHC40033KJ	HSHC400 33K 5%	PRODUCTION
5-2176734-6	HSHC40039KJ	HSHC400 39K 5%	PRODUCTION
5-2176734-7	HSHC40047KJ	HSHC400 47K 5%	PRODUCTION
5-2176734-8	HSHC40056KJ	HSHC400 56K 5%	PRODUCTION
5-2176734-9	HSHC40068KJ	HSHC400 68K 5%	PRODUCTION
6-2176734-0	HSHC40082KJ	HSHC400 82K 5%	PRODUCTION
6-2176734-1	HSHC400100KJ	HSHC400 100K 5%	PRODUCTION

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DIMENSIONS:

mm



0 PLC ±0.5

1 PLC ±0.2

2 PLC ±0.1

3 PLC ±-

4 PLC ±-

ANGLES ±5°

MATERIAL

-

-

TOLERANCES UNLESS OTHERWISE SPECIFIED:

FINISH

-

-

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ALUMINIUM HOUSED POWER RESISTORS
TYPE HSHC400 SERIES

SIZE

CAGE CODE

DRAWING NO

RESTRICTED TO

A3

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©=2176734

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CUSTOMER DRAWING

SCALE 1:1

SHEET 3 OF 3

REV A

TE Connectivity

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1470-19 (3/13)