

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 : 150 WATTS MOUNTED ON STANDARD HEATSINK

RESISTANCE RANGE : R10 TO 100K

STABILITY :  $\Delta R < = 2\%$  PER 1000Hrs

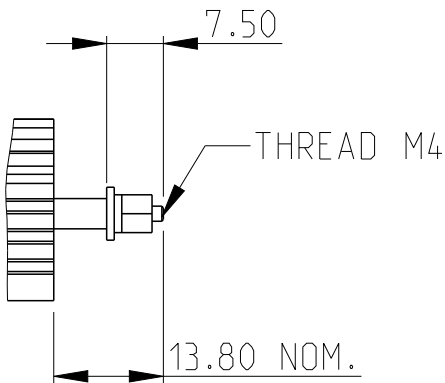
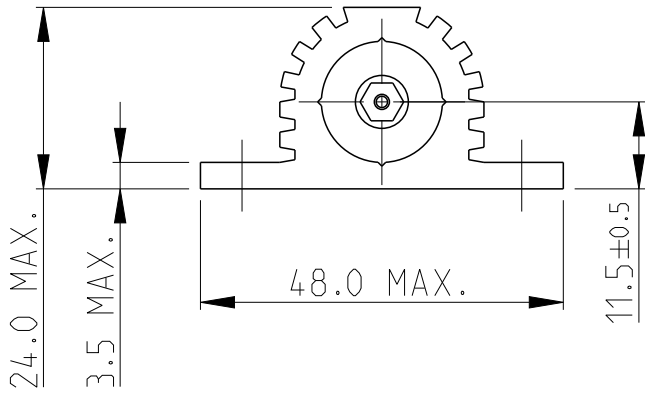
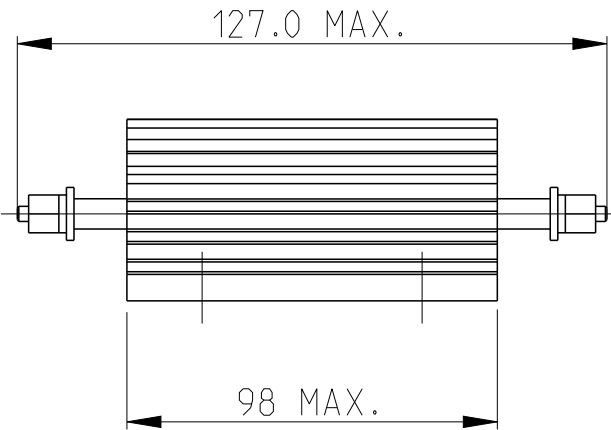
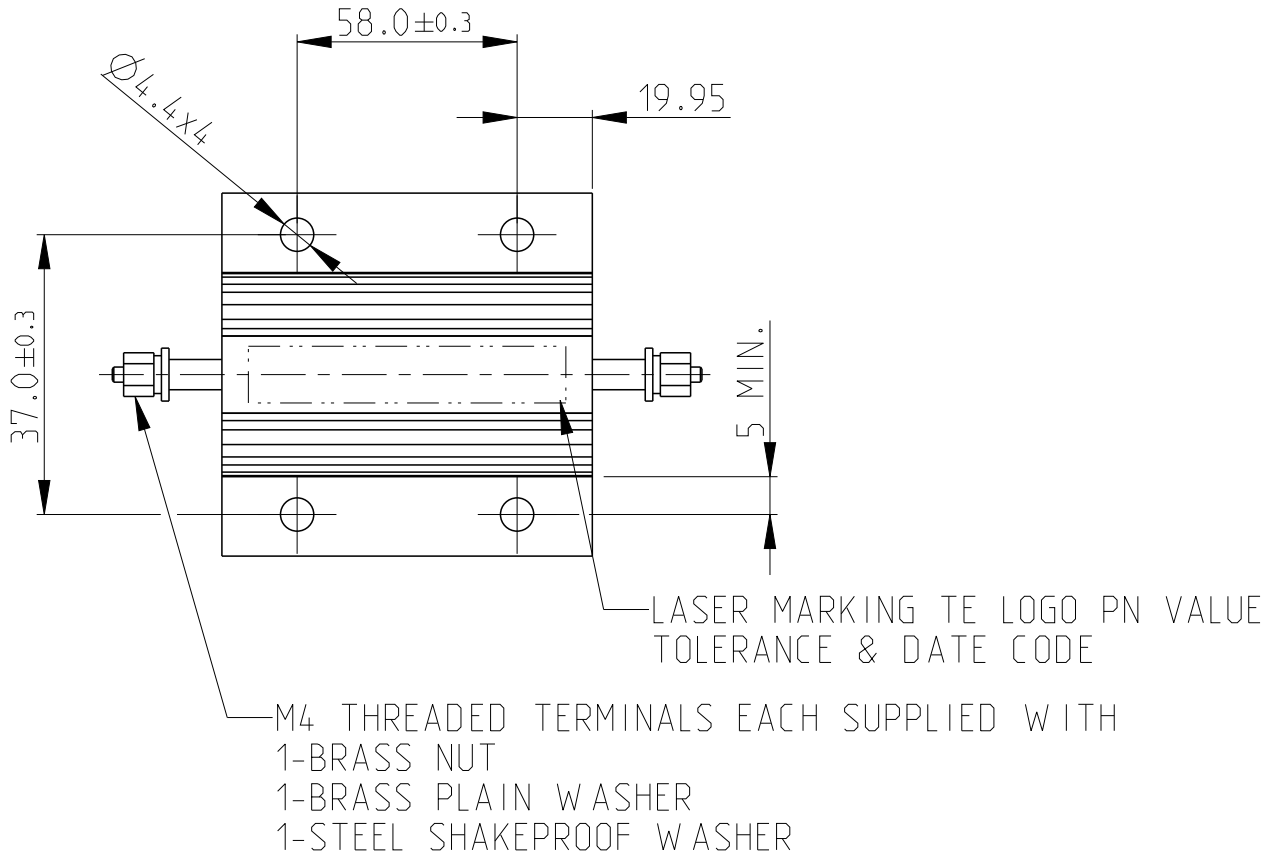
ISOLATION VOLTAGE : 3500V DC/AC pk

MAX. WORKING VOLTAGE : 2500V DC/AC rms

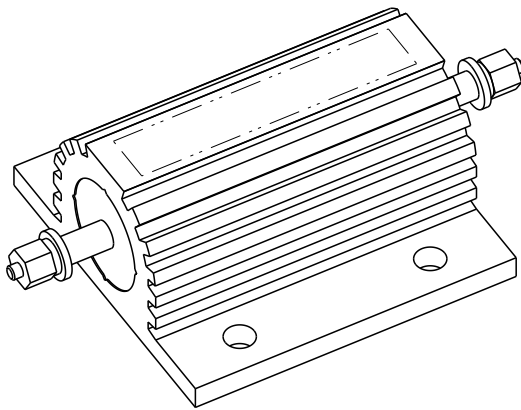
TEMP COEFFICIENT :  $\leq 100R, 50ppm$


$>100R, 25ppm$

CLIMATIC CATEGORY : 55/200/56



RoHS Compliant



THIS DRAWING IS A CONTROLLED DOCUMENT.		DWN DHEERAJ M	20MAR2024	 TE Connectivity		
		CHK TRACY G	20MAR2024			
		APVD ALLAN P	20MAR2024	NAME ALUMINIUM HOUSED POWER RESISTORS TYPE HSC150S SCREW TERMINAL SERIES		
DIMENSIONS: mm		TOLERANCES UNLESS OTHERWISE SPECIFIED:		PRODUCT SPEC		
				APPLICATION SPEC		
				RESTRICTED TO		
				SIZE		
				CAGE CODE		
				DRAWING NO		
				WEIGHT		
				SCALE		
				SHEET		
				REV		
				CUSTOMER DRAWING		
				1:1		
				1 OF 4		
				A		

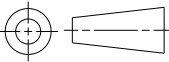
REVISIONS

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

SCHEDULE			
TCPN	CATALOGUE NUMBER	PART DESCRIPTION	PART STATUS
2176732-1	HSC 150SR10J	HSC 150S R10 5% SCREW TERMINAL	PRODUCTION
2176732-2	HSC 150SR12J	HSC 150S R12 5% SCREW TERMINAL	PRODUCTION
2176732-3	HSC 150SR15J	HSC 150S R15 5% SCREW TERMINAL	PRODUCTION
2176732-4	HSC 150SR18J	HSC 150S R18 5% SCREW TERMINAL	PRODUCTION
2176732-5	HSC 150SR22J	HSC 150S R22 5% SCREW TERMINAL	PRODUCTION
2176732-6	HSC 150SR27J	HSC 150S R27 5% SCREW TERMINAL	PRODUCTION
2176732-7	HSC 150SR33J	HSC 150S R33 5% SCREW TERMINAL	PRODUCTION
2176732-8	HSC 150SR39J	HSC 150S R39 5% SCREW TERMINAL	PRODUCTION
2176732-9	HSC 150SR47J	HSC 150S R47 5% SCREW TERMINAL	PRODUCTION
1-2176732-0	HSC 150SR56J	HSC 150S R56 5% SCREW TERMINAL	PRODUCTION
1-2176732-1	HSC 150SR68J	HSC 150S R68 5% SCREW TERMINAL	PRODUCTION
1-2176732-2	HSC 150SR82J	HSC 150S R82 5% SCREW TERMINAL	PRODUCTION
1-2176732-3	HSC 150S1R0J	HSC 150S 1R0 5% SCREW TERMINAL	PRODUCTION
1-2176732-4	HSC 150S1R2J	HSC 150S 1R2 5% SCREW TERMINAL	PRODUCTION
1-2176732-5	HSC 150S1R5J	HSC 150S 1R5 5% SCREW TERMINAL	PRODUCTION
1-2176732-6	HSC 150S1R8J	HSC 150S 1R8 5% SCREW TERMINAL	PRODUCTION
1-2176732-7	HSC 150S2R2J	HSC 150S 2R2 5% SCREW TERMINAL	PRODUCTION
1-2176732-8	HSC 150S2R7J	HSC 150S 2R7 5% SCREW TERMINAL	PRODUCTION
1-2176732-9	HSC 150S3R3J	HSC 150S 3R3 5% SCREW TERMINAL	PRODUCTION
2-2176732-0	HSC 150S3R9J	HSC 150S 3R9 5% SCREW TERMINAL	PRODUCTION
2-2176732-1	HSC 150S4R7J	HSC 150S 4R7 5% SCREW TERMINAL	PRODUCTION
2-2176732-2	HSC 150S5R6J	HSC 150S 5R6 5% SCREW TERMINAL	PRODUCTION
2-2176732-3	HSC 150S6R8J	HSC 150S 6R8 5% SCREW TERMINAL	PRODUCTION
2-2176732-4	HSC 150S8R2J	HSC 150S 8R2 5% SCREW TERMINAL	PRODUCTION
2-2176732-5	HSC 150S10RJ	HSC 150S 10R 5% SCREW TERMINAL	PRODUCTION

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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

-

-

DWN  
DHEERAJ M  
20MAR2024

CHK  
TRACY G  
20MAR2024

APVD  
ALLAN P  
20MAR2024

PRODUCT SPEC  
-

APPLICATION SPEC  
-

WEIGHT  
-

NAME  
ALUMINIUM HOUSED POWER RESISTORS  
TYPE HSC150S SCREW TERMINAL SERIES

SIZE  
A 3

CAGE CODE  
00779

DRAWING NO  
C-2176732

RESTRICTED TO  
-

SCALE  
1:1

SHEET  
2 OF 4


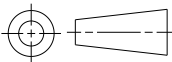
REV  
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1470-19 (3/13)

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


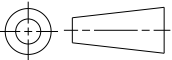
SCHEDULE			
TCPN	CATALOGUE NUMBER	PART DESCRIPTION	PART STATUS
2-2176732-6	HSC 150S12RJ	HSC 150S 12R 5% SCREW TERMINAL	PRODUCTION
2-2176732-7	HSC 150S15RJ	HSC 150S 15R 5% SCREW TERMINAL	PRODUCTION
2-2176732-8	HSC 150S18RJ	HSC 150S 18R 5% SCREW TERMINAL	PRODUCTION
2-2176732-9	HSC 150S22RJ	HSC 150S 22R 5% SCREW TERMINAL	PRODUCTION
3-2176732-0	HSC 150S27RJ	HSC 150S 27R 5% SCREW TERMINAL	PRODUCTION
3-2176732-1	HSC 150S33RJ	HSC 150S 33R 5% SCREW TERMINAL	PRODUCTION
3-2176732-2	HSC 150S39RJ	HSC 150S 39R 5% SCREW TERMINAL	PRODUCTION
3-2176732-3	HSC 150S47RJ	HSC 150S 47R 5% SCREW TERMINAL	PRODUCTION
3-2176732-4	HSC 150S56RJ	HSC 150S 56R 5% SCREW TERMINAL	PRODUCTION
3-2176732-5	HSC 150S68RJ	HSC 150S 68R 5% SCREW TERMINAL	PRODUCTION
3-2176732-6	HSC 150S82RJ	HSC 150S 82R 5% SCREW TERMINAL	PRODUCTION
3-2176732-7	HSC 150S100RJ	HSC 150S 100R 5% SCREW TERMINAL	PRODUCTION
3-2176732-8	HSC 150S120RJ	HSC 150S 120R 5% SCREW TERMINAL	PRODUCTION
3-2176732-9	HSC 150S150RJ	HSC 150S 150R 5% SCREW TERMINAL	PRODUCTION
4-2176732-0	HSC 150S180RJ	HSC 150S 180R 5% SCREW TERMINAL	PRODUCTION
4-2176732-1	HSC 150S220RJ	HSC 150S 220R 5% SCREW TERMINAL	PRODUCTION
4-2176732-2	HSC 150S270RJ	HSC 150S 270R 5% SCREW TERMINAL	PRODUCTION
4-2176732-3	HSC 150S330RJ	HSC 150S 330R 5% SCREW TERMINAL	PRODUCTION
4-2176732-4	HSC 150S390RJ	HSC 150S 390R 5% SCREW TERMINAL	PRODUCTION
4-2176732-5	HSC 150S470RJ	HSC 150S 470R 5% SCREW TERMINAL	PRODUCTION
4-2176732-6	HSC 150S560RJ	HSC 150S 560R 5% SCREW TERMINAL	PRODUCTION
4-2176732-7	HSC 150S680RJ	HSC 150S 680R 5% SCREW TERMINAL	PRODUCTION
4-2176732-8	HSC 150S820RJ	HSC 150S 820R 5% SCREW TERMINAL	PRODUCTION
4-2176732-9	HSC 150S1K0J	HSC 150S 1K0 5% SCREW TERMINAL	PRODUCTION
5-2176732-0	HSC 150S1K2J	HSC 150S 1K2 5% SCREW TERMINAL	PRODUCTION

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		CHK TRACY G 20MAR2024			
DIMENSIONS: mm		APVD ALLAN P 20MAR2024	NAME ALUMINIUM HOUSED POWER RESISTORS TYPE HSC150S SCREW TERMINAL SERIES		
		PRODUCT SPEC -	SIZE A 3		
		APPLICATION SPEC -			
MATERIAL -		WEIGHT -	CAGE CODE 00779	DRAWING NO C-2176732	RESTRICTED TO -
CUSTOMER DRAWING			SCALE 1:1	SHEET 3 OF 4	REV A

REVISIONS

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

SCHEDULE			
TCPN	CATALOGUE NUMBER	PART DESCRIPTION	PART STATUS
5-2176732-1	HSC 150S1K5J	HSC 150S 1K5 5% SCREW TERMINAL	PRODUCTION
5-2176732-2	HSC 150S1K8J	HSC 150S 1K8 5% SCREW TERMINAL	PRODUCTION
5-2176732-3	HSC 150S2K2J	HSC 150S 2K2 5% SCREW TERMINAL	PRODUCTION
5-2176732-4	HSC 150S2K7J	HSC 150S 2K7 5% SCREW TERMINAL	PRODUCTION
5-2176732-5	HSC 150S3K3J	HSC 150S 3K3 5% SCREW TERMINAL	PRODUCTION
5-2176732-6	HSC 150S3K9J	HSC 150S 3K9 5% SCREW TERMINAL	PRODUCTION
5-2176732-7	HSC 150S4K7J	HSC 150S 4K7 5% SCREW TERMINAL	PRODUCTION
5-2176732-8	HSC 150S5K6J	HSC 150S 5K6 5% SCREW TERMINAL	PRODUCTION
5-2176732-9	HSC 150S6K8J	HSC 150S 6K8 5% SCREW TERMINAL	PRODUCTION
6-2176732-0	HSC 150S8K2J	HSC 150S 8K2 5% SCREW TERMINAL	PRODUCTION
6-2176732-1	HSC 150S10KJ	HSC 150S 10K 5% SCREW TERMINAL	PRODUCTION
6-2176732-2	HSC 150S12KJ	HSC 150S 12K 5% SCREW TERMINAL	PRODUCTION
6-2176732-3	HSC 150S15KJ	HSC 150S 15K 5% SCREW TERMINAL	PRODUCTION
6-2176732-4	HSC 150S18KJ	HSC 150S 18K 5% SCREW TERMINAL	PRODUCTION
6-2176732-5	HSC 150S22KJ	HSC 150S 22K 5% SCREW TERMINAL	PRODUCTION
6-2176732-6	HSC 150S27KJ	HSC 150S 27K 5% SCREW TERMINAL	PRODUCTION
6-2176732-7	HSC 150S33KJ	HSC 150S 33K 5% SCREW TERMINAL	PRODUCTION
6-2176732-8	HSC 150S39KJ	HSC 150S 39K 5% SCREW TERMINAL	PRODUCTION
6-2176732-9	HSC 150S47KJ	HSC 150S 47K 5% SCREW TERMINAL	PRODUCTION
7-2176732-0	HSC 150S56KJ	HSC 150S 56K 5% SCREW TERMINAL	PRODUCTION
7-2176732-1	HSC 150S68KJ	HSC 150S 68K 5% SCREW TERMINAL	PRODUCTION
7-2176732-2	HSC 150S82KJ	HSC 150S 82K 5% SCREW TERMINAL	PRODUCTION
7-2176732-3	HSC 150S100KJ	HSC 150S 100K 5% SCREW TERMINAL	PRODUCTION

THIS DRAWING IS A CONTROLLED DOCUMENT.		DWN DHEERAJ M 20MAR2024	 TE Connectivity		
		CHK TRACY G 20MAR2024			
DIMENSIONS: mm		APVD ALLAN P 20MAR2024	NAME ALUMINIUM HOUSED POWER RESISTORS TYPE HSC150S SCREW TERMINAL SERIES		
		PRODUCT SPEC -	SIZE A3		
		APPLICATION SPEC -			
MATERIAL -		WEIGHT -	CAGE CODE 00779	DRAWING NO C-2176732	RESTRICTED TO -
CUSTOMER DRAWING			SCALE 1:1	SHEET 4 OF 4	REV A

# Mouser Electronics

Authorized Distributor

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[TE Connectivity:](#)

[HSC150S10RJ](#) [HSC150S2K7J](#) [HSC150S39KJ](#) [HSC150S560RJ](#) [HSC150S68RJ](#) [HSC150S8R2J](#) [HSC150SR68J](#)  
[HSC150S12RJ](#) [HSC150S150RJ](#) [HSC150S3R3J](#) [HSC150S820RJ](#) [HSC150S82KJ](#) [HSC150S10KJ](#) [HSC150S18KJ](#)  
[HSC150S4R7J](#) [HSC150SR39J](#) [HSC150S2K2J](#) [HSC150S6K8J](#) [HSC150S68KJ](#) [HSC150SR10J](#) [HSC150SR15J](#)  
[HSC150S2R7J](#) [HSC150S1K2J](#) [HSC150S33RJ](#) [HSC150S56RJ](#) [HSC150S5R6J](#) [HSC150S100KJ](#) [HSC150S1K5J](#)  
[HSC150S1R0J](#) [HSC150S5K6J](#) [HSC150S680RJ](#) [HSC150S15KJ](#) [HSC150S15RJ](#) [HSC150S22RJ](#) [HSC150S33KJ](#)  
[HSC150S390RJ](#) [HSC150SR18J](#) [HSC150SR27J](#) [HSC150S27RJ](#) [HSC150S3R9J](#) [HSC150S470RJ](#) [HSC150S82RJ](#)  
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[HSC150SR47J](#) [HSC150S1R2J](#) [HSC150S1R8J](#) [HSC150S2R2J](#) [HSC150S330RJ](#) [HSC150S47KJ](#) [HSC150S22KJ](#)  
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