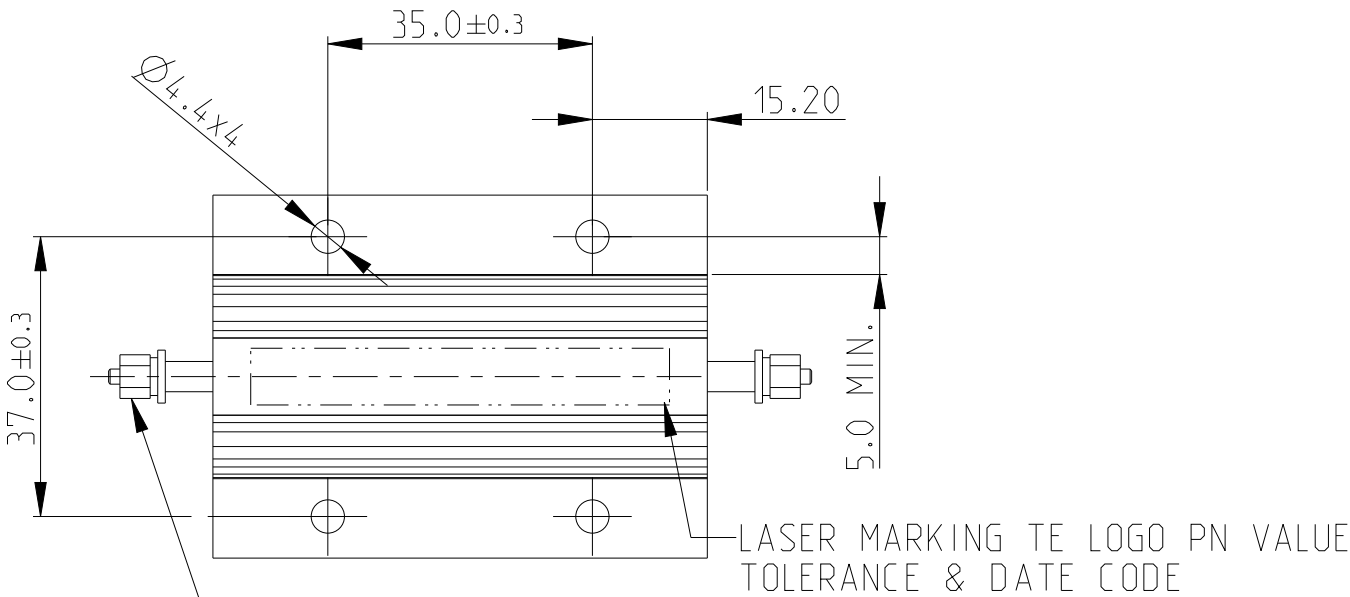
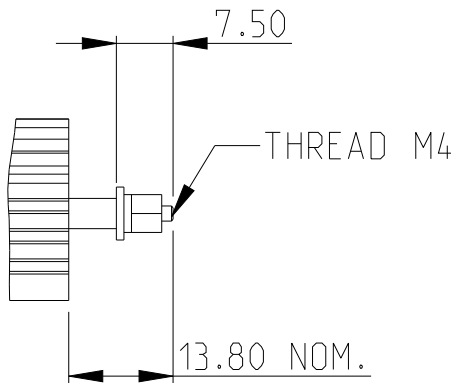
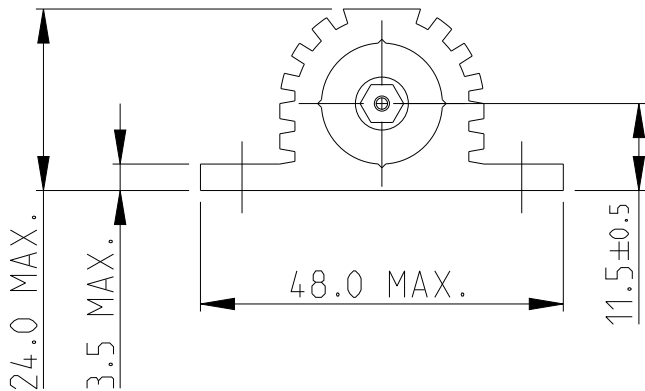
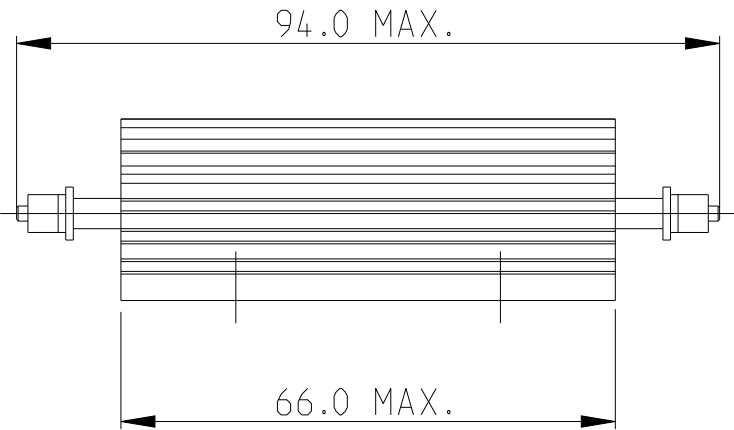


P	LTR	DESCRIPTION	DATE	DWN	APVD
	A	INITIAL DRAWING RELEASE	20MAR2024	DM	AP
	A1	NEW PN 7-2176731-7 ADDED TO SCHEDULE	29AUG2024	DM	SR

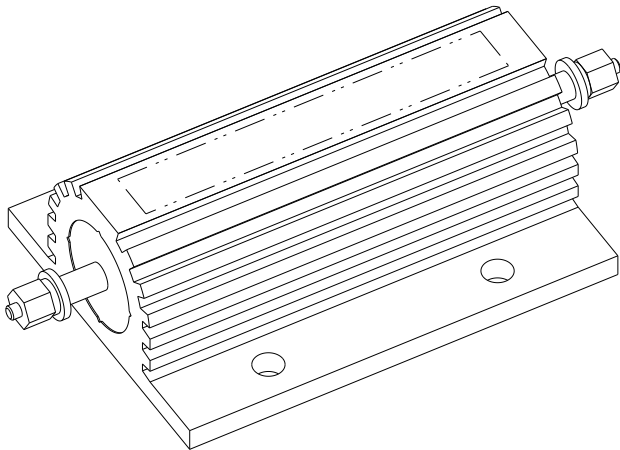
- NOTES:
- 1 FOR FURTHER INFORMATION SEE DATA SHEET FOR HS SERIES-ALUMINIUM HOUSED RESISTORS
- 2 FOR A SPECIFIC PN FOR A RESISTANCE VALUE AND TOLERANCE, PLEASE REFER TO TE.COM
- 3 TECHNICAL SPECIFICATION
- DISSIPATION AT 25°C : 100 WATTS MOUNTED ON STANDARD HEATSINK
- RESISTANCE RANGE : R05 TO 100K
- STABILITY : $\Delta R < = 2\%$ PER 1000Hrs
- ISOLATION VOLTAGE : 3500V DC/AC pk
- MAX. WORKING VOLTAGE : 1900V DC/AC rms
- TEMP COEFFICIENT : $\leq 100R, 50ppm$
 $>100R, 25ppm$
- CLIMATIC CATEGORY : 55/200/56

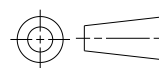


M4 THREADED TERMINALS EACH SUPPLIED WITH
1-BRASS NUT
1-BRASS PLAIN WASHER
1-STEEL SHAKEPROOF WASHER



RoHS Compliant



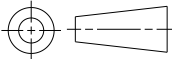
THIS DRAWING IS A CONTROLLED DOCUMENT.		DWN DHEERAJ M	20MAR2024	 TE Connectivity	
		CHK TRACY G	20MAR2024		
DIMENSIONS: mm		APVD ALLAN P	20MAR2024	NAME ALUMINIUM HOUSED POWER RESISTORS TYPE HSC100S SCREW TERMINAL SERIES	
		PRODUCT SPEC		SIZE A3	
		APPLICATION SPEC		CAGE CODE 00779	
MATERIAL		WEIGHT		DRAWING NO C-2176731	
		CUSTOMER DRAWING		RESTRICTED TO	
				SCALE 1:1	
				SHEET 1 OF 4	
				REV A1	

REVISIONS

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

SCHEDULE

TCPN	CATALOGUE NUMBER	PART DESCRIPTION	PART STATUS
2176731-1	HSC100SR056J	HSC100S R056 5% SCREW TERMINAL	PRODUCTION
2176731-2	HSC100SR068J	HSC100S R068 5% SCREW TERMINAL	PRODUCTION
2176731-3	HSC100SR082J	HSC100S R082 5% SCREW TERMINAL	PRODUCTION
2176731-4	HSC100SR10J	HSC100S R10 5% SCREW TERMINAL	PRODUCTION
2176731-5	HSC100SR12J	HSC100S R12 5% SCREW TERMINAL	PRODUCTION
2176731-6	HSC100SR15J	HSC100S R15 5% SCREW TERMINAL	PRODUCTION
2176731-7	HSC100SR18J	HSC100S R18 5% SCREW TERMINAL	PRODUCTION
2176731-8	HSC100SR22J	HSC100S R22 5% SCREW TERMINAL	PRODUCTION
2176731-9	HSC100SR27J	HSC100S R27 5% SCREW TERMINAL	PRODUCTION
1-2176731-0	HSC100SR33J	HSC100S R33 5% SCREW TERMINAL	PRODUCTION
1-2176731-1	HSC100SR39J	HSC100S R39 5% SCREW TERMINAL	PRODUCTION
1-2176731-2	HSC100SR47J	HSC100S R47 5% SCREW TERMINAL	PRODUCTION
1-2176731-3	HSC100SR56J	HSC100S R56 5% SCREW TERMINAL	PRODUCTION
1-2176731-4	HSC100SR68J	HSC100S R68 5% SCREW TERMINAL	PRODUCTION
1-2176731-5	HSC100SR82J	HSC100S R82 5% SCREW TERMINAL	PRODUCTION
1-2176731-6	HSC100S1R0J	HSC100S 1R0 5% SCREW TERMINAL	PRODUCTION
1-2176731-7	HSC100S1R2J	HSC100S 1R2 5% SCREW TERMINAL	PRODUCTION
1-2176731-8	HSC100S1R5J	HSC100S 1R5 5% SCREW TERMINAL	PRODUCTION
1-2176731-9	HSC100S1R8J	HSC100S 1R8 5% SCREW TERMINAL	PRODUCTION
2-2176731-0	HSC100S2R2J	HSC100S 2R2 5% SCREW TERMINAL	PRODUCTION
2-2176731-1	HSC100S2R7J	HSC100S 2R7 5% SCREW TERMINAL	PRODUCTION
2-2176731-2	HSC100S3R3J	HSC100S 3R3 5% SCREW TERMINAL	PRODUCTION
2-2176731-3	HSC100S3R9J	HSC100S 3R9 5% SCREW TERMINAL	PRODUCTION
2-2176731-4	HSC100S4R7J	HSC100S 4R7 5% SCREW TERMINAL	PRODUCTION
2-2176731-5	HSC100S5R6J	HSC100S 5R6 5% SCREW TERMINAL	PRODUCTION
2-2176731-6	HSC100S6R8J	HSC100S 6R8 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 HSC100S SCREW TERMINAL SERIES			
		PRODUCT SPEC				
		APPLICATION SPEC				
MATERIAL		WEIGHT	SIZE A3	CAGE CODE 00779	DRAWING NO C-2176731	RESTRICTED TO -
		CUSTOMER DRAWING	SCALE 1:1	SHEET 2 OF 4	REV A1	

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

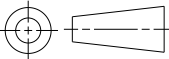
FINISH	-
	-

REVISIONS

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

SCHEDULE

TCPN	CATALOGUE NUMBER	PART DESCRIPTION	PART STATUS
2-2176731-7	HSC100S8R2J	HSC100S 8R2 5% SCREW TERMINAL	PRODUCTION
2-2176731-8	HSC100S10RJ	HSC100S 10R 5% SCREW TERMINAL	PRODUCTION
2-2176731-9	HSC100S12RJ	HSC100S 12R 5% SCREW TERMINAL	PRODUCTION
3-2176731-0	HSC100S15RJ	HSC100S 15R 5% SCREW TERMINAL	PRODUCTION
3-2176731-1	HSC100S18RJ	HSC100S 18R 5% SCREW TERMINAL	PRODUCTION
3-2176731-2	HSC100S22RJ	HSC100S 22R 5% SCREW TERMINAL	PRODUCTION
3-2176731-3	HSC100S27RJ	HSC100S 27R 5% SCREW TERMINAL	PRODUCTION
3-2176731-4	HSC100S33RJ	HSC100S 33R 5% SCREW TERMINAL	PRODUCTION
3-2176731-5	HSC100S39RJ	HSC100S 39R 5% SCREW TERMINAL	PRODUCTION
3-2176731-6	HSC100S47RJ	HSC100S 47R 5% SCREW TERMINAL	PRODUCTION
3-2176731-7	HSC100S56RJ	HSC100S 56R 5% SCREW TERMINAL	PRODUCTION
3-2176731-8	HSC100S68RJ	HSC100S 68R 5% SCREW TERMINAL	PRODUCTION
3-2176731-9	HSC100S82RJ	HSC100S 82R 5% SCREW TERMINAL	PRODUCTION
4-2176731-0	HSC100S100RJ	HSC100S 100R 5% SCREW TERMINAL	PRODUCTION
4-2176731-1	HSC100S120RJ	HSC100S 120R 5% SCREW TERMINAL	PRODUCTION
4-2176731-2	HSC100S150RJ	HSC100S 150R 5% SCREW TERMINAL	PRODUCTION
4-2176731-3	HSC100S180RJ	HSC100S 180R 5% SCREW TERMINAL	PRODUCTION
4-2176731-4	HSC100S220RJ	HSC100S 220R 5% SCREW TERMINAL	PRODUCTION
4-2176731-5	HSC100S270RJ	HSC100S 270R 5% SCREW TERMINAL	PRODUCTION
4-2176731-6	HSC100S330RJ	HSC100S 330R 5% SCREW TERMINAL	PRODUCTION
4-2176731-7	HSC100S390RJ	HSC100S 390R 5% SCREW TERMINAL	PRODUCTION
4-2176731-8	HSC100S470RJ	HSC100S 470R 5% SCREW TERMINAL	PRODUCTION
4-2176731-9	HSC100S560RJ	HSC100S 560R 5% SCREW TERMINAL	PRODUCTION
5-2176731-0	HSC100S680RJ	HSC100S 680R 5% SCREW TERMINAL	PRODUCTION
5-2176731-1	HSC100S820RJ	HSC100S 820R 5% SCREW TERMINAL	PRODUCTION
5-2176731-2	HSC100S1K0J	HSC100S 1K0 5% SCREW TERMINAL	PRODUCTION

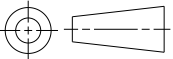
THIS DRAWING IS A CONTROLLED DOCUMENT.		DWN DHEERAJ M 20MAR2024	 TE Connectivity			
		CHK TRACY G 20MAR2024				
DIMENSIONS: mm		APVD ALLAN P 20MAR2024	NAME ALUMINIUM HOUSED POWER RESISTORS TYPE HSC100S SCREW TERMINAL SERIES			
		PRODUCT SPEC -				
		APPLICATION SPEC -				
MATERIAL -		WEIGHT -	SIZE A3	CAGE CODE 00779	DRAWING NO C-2176731	RESTRICTED TO -
		CUSTOMER DRAWING		SCALE 1:1	SHEET 3 OF 4	REV A1

REVISIONS

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

SCHEDULE

TCPN	CATALOGUE NUMBER	PART DESCRIPTION	PART STATUS
5-2176731-3	HSC100S1K2J	HSC100S 1K2 5% SCREW TERMINAL	PRODUCTION
5-2176731-4	HSC100S1K5J	HSC100S 1K5 5% SCREW TERMINAL	PRODUCTION
5-2176731-5	HSC100S1K8J	HSC100S 1K8 5% SCREW TERMINAL	PRODUCTION
5-2176731-6	HSC100S2K2J	HSC100S 2K2 5% SCREW TERMINAL	PRODUCTION
5-2176731-7	HSC100S2K7J	HSC100S 2K7 5% SCREW TERMINAL	PRODUCTION
5-2176731-8	HSC100S3K3J	HSC100S 3K3 5% SCREW TERMINAL	PRODUCTION
5-2176731-9	HSC100S3K9J	HSC100S 3K9 5% SCREW TERMINAL	PRODUCTION
6-2176731-0	HSC100S4K7J	HSC100S 4K7 5% SCREW TERMINAL	PRODUCTION
6-2176731-1	HSC100S5K6J	HSC100S 5K6 5% SCREW TERMINAL	PRODUCTION
6-2176731-2	HSC100S6K8J	HSC100S 6K8 5% SCREW TERMINAL	PRODUCTION
6-2176731-3	HSC100S8K2J	HSC100S 8K2 5% SCREW TERMINAL	PRODUCTION
6-2176731-4	HSC100S10KJ	HSC100S 10K 5% SCREW TERMINAL	PRODUCTION
6-2176731-5	HSC100S12KJ	HSC100S 12K 5% SCREW TERMINAL	PRODUCTION
6-2176731-6	HSC100S15KJ	HSC100S 15K 5% SCREW TERMINAL	PRODUCTION
6-2176731-7	HSC100S18KJ	HSC100S 18K 5% SCREW TERMINAL	PRODUCTION
6-2176731-8	HSC100S22KJ	HSC100S 22K 5% SCREW TERMINAL	PRODUCTION
6-2176731-9	HSC100S27KJ	HSC100S 27K 5% SCREW TERMINAL	PRODUCTION
7-2176731-0	HSC100S33KJ	HSC100S 33K 5% SCREW TERMINAL	PRODUCTION
7-2176731-1	HSC100S39KJ	HSC100S 39K 5% SCREW TERMINAL	PRODUCTION
7-2176731-2	HSC100S47KJ	HSC100S 47K 5% SCREW TERMINAL	PRODUCTION
7-2176731-3	HSC100S56KJ	HSC100S 56K 5% SCREW TERMINAL	PRODUCTION
7-2176731-4	HSC100S68KJ	HSC100S 68K 5% SCREW TERMINAL	PRODUCTION
7-2176731-5	HSC100S82KJ	HSC100S 82K 5% SCREW TERMINAL	PRODUCTION
7-2176731-6	HSC100S100KJ	HSC100S 100K 5% SCREW TERMINAL	PRODUCTION
7-2176731-7	NHSC100S33RJ	NHSC100S 33R 5% SCREW TERMINAL	PRODUCTION

THIS DRAWING IS A CONTROLLED DOCUMENT.		DWN DHEERAJ M 20MAR2024	 TE Connectivity						
		CHK TRACY G 20MAR2024							
DIMENSIONS: mm		TOLERANCES UNLESS OTHERWISE SPECIFIED:	APVD ALLAN P 20MAR2024	NAME ALUMINIUM HOUSED POWER RESISTORS TYPE HSC100S SCREW TERMINAL SERIES					
		0 PLC ±0.5 1 PLC ±0.2 2 PLC ±0.1 3 PLC ±- 4 PLC ±- ANGLES ±5°	PRODUCT SPEC	SIZE A3			CAGE CODE 00779	DRAWING NO C-2176731	RESTRICTED TO -
			APPLICATION SPEC						
MATERIAL -		FINISH -	WEIGHT -						
			CUSTOMER DRAWING			SCALE 1:1	SHEET 4 OF 4	REV A1	