

Tantalum Product - THJ Series 200°C



PRODUCT SPECIFICATIONS :

Nominal Capacitance @ 120Hz	100 μ F	
Capacitance Tolerance (*)	K = \pm 10%; M = \pm 20%	
Rated Voltage DC (V_R)	$\leq 85^\circ\text{C}$	16 V
Category Voltage DC (V_C)	$\leq 200^\circ\text{C}$	5.3 V
Surge Voltage (V_S)	$\leq 85^\circ\text{C}$	20 V
	$\leq 200^\circ\text{C}$	6.5 V
Temperature Range	-55°C to +200°C	
Direct Leakage Current max. @ V_R	16 μ A	
Direct Leakage Current max. @ V_C , 200°C, 1000hrs	1mA	
Disipation Factor max. @ 120Hz	8 %	
ESR max. @ 100kHz	0.25 Ohm	
Typical weight (E case)	531 mg	



Moisture sensitivity level: meets MSL 1

Reflow specification: meets J-STD-020C standard

Meets requirements of AEC-Q200

100% surge current tested

All technical data relates to an ambient temperature of +25°C, Capacitance and DF are measured at 120Hz, 0.5RMS with DC bias of 2.2V.

DCL is measured at rated voltage after 5 minutes

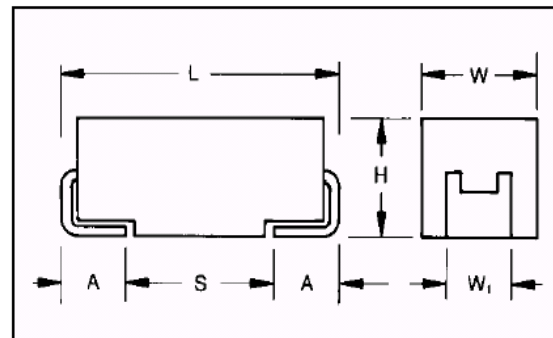
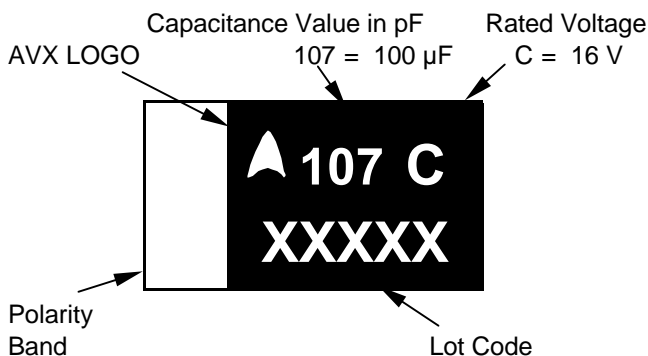
AVX reserves the rights to supply higher voltage rating in the same case size, to the same reliability standards

RMS value of Ripple Current (mA) @100kHz				RMS value of Ripple Voltage (mV) @100kHz			
25°C	85°C	175°C	200°C	25°C	85°C	175°C	200°C
812	731	162	81	203	183	41	20

HOW TO ORDER:

THJ	E	107	*	016	#	JH
Type	Case code	Capacitance Value	Cap. Tolerance	Rated DC	Packaging	Suffix

DRAWING AND DIMENSIONS:



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CASE DIMENSIONS: millimetres

Case		L ±0.2	W +0.2 –0.1	H +0.2 –0.1	A +0.3 –0.2	S min.	W1 ±0.2
EIA	AVX						
7343-43	E	7.3	4.3	4.1	1.3	4.4	2.4

PACKAGING INFORMATION:

Reel Size (#)	A = 7" Reel Gold Plated Termination	B = 13" Reel Gold Plated Termination
Quantity	400	1500
Tape Width	12 mm	12 mm



A KYOCERA GROUP COMPANY

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