

# Tantalum Product - THJ Series 200°C



## PRODUCT SPECIFICATIONS :

Nominal Capacitance @ 120Hz	220 $\mu$ F	
Capacitance Tolerance (*)	K = $\pm$ 10%; M = $\pm$ 20%	
Rated Voltage DC ( $V_R$ )	$\leq$ 85°C	10 V
Category Voltage DC ( $V_C$ )	$\leq$ 200°C	3.3 V
Surge Voltage ( $V_S$ )	$\leq$ 85°C	13 V
	$\leq$ 200°C	4.3 V
Temperature Range	-55°C to +200°C	
Direct Leakage Current max. @ $V_R$	22 $\mu$ A	
Direct Leakage Current max. @ $V_C$ , 200°C, 1000hrs	1mA	
Disipation Factor max. @ 120Hz	10 %	
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

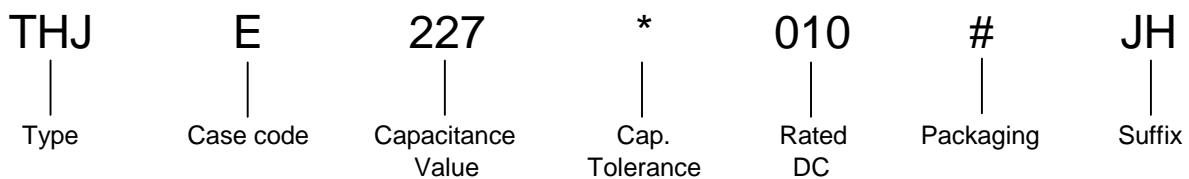
All technical data relates to an ambient temperature of +25°C, Capacitance and DF are measured at 120Hz, 0.5RMS with DC bias of 2.2V.

DCL is measured at rated voltage after 5 minutes

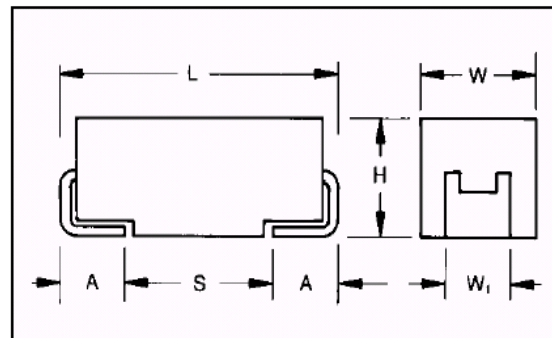
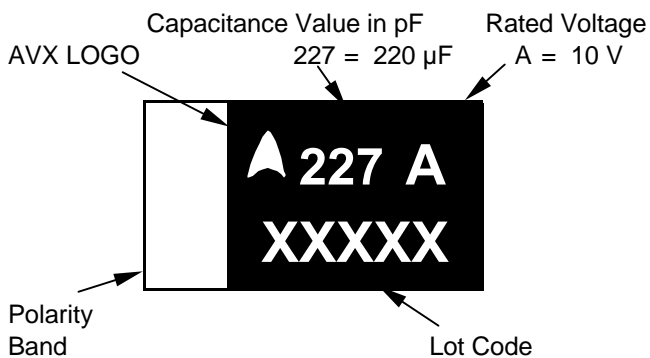
AVX reserves the rights to supply higher voltage rating in the same case size, to the same reliability standards

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:



## 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



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Version: 05/2009

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