

Tantalum Product - TAJ AUTOMOTIVE

PRODUCT SPECIFICATIONS :

Nominal Capacitance @ 120Hz	2.2 μ F
Capacitance Tolerance (*)	K = \pm 10%; M = \pm 20%
Rated Voltage DC (V _R)	\leq 85°C 25 V
Category Voltage DC (V _C)	\leq 125°C 17 V
Surge Voltage (V _S)	\leq 85°C 32 V
	\leq 125°C 20 V
Temperature Range	-55°C to +125°C
Direct Leakage Current max. @ V _R	0.6 μ A
Dissipation Factor max. @ 120Hz	6 %
ESR max. @ 100kHz	7 Ohm
Typical weight (A case)	29 mg



Moisture sensitivity level: meets MSL 1

Reflow specification: meets J-STD-020 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.

KYOCERA 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	125°C	25°C	85°C	125°C
104	93	41	725	652	290

HOW TO ORDER:

TAJ

Type

A

Case code

225

Capacitance
Value

*

Cap.
Tolerance

025

Rated
DC

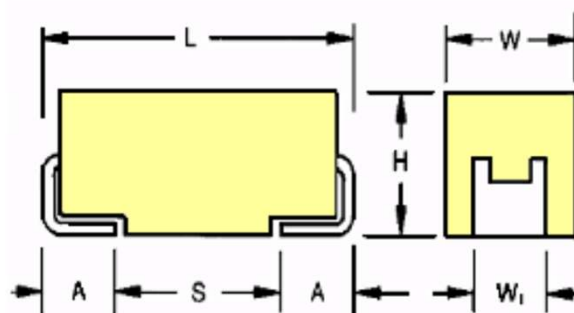
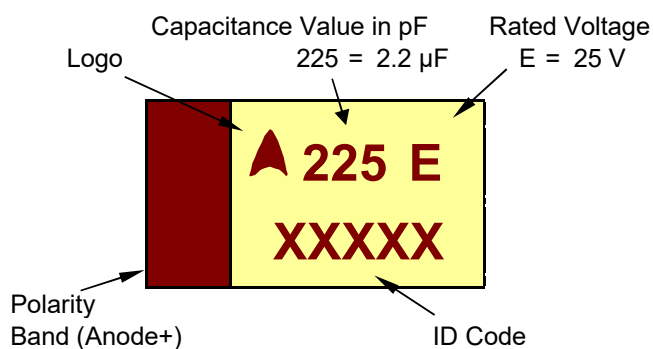
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Packaging
Automotive
Pure Tin
T = 7" Reel
U = 13" Reel

NJ

Suffix

DRAWING AND DIMENSIONS:



Tantalum Product - TAJ Series



CASE DIMENSIONS: millimetres

Case							
EIA	Size	L ± 0.2	W $+0.2 -0.1$	H $+0.2 -0.1$	A $+0.3 -0.2$	S min.	W1 ± 0.2
3216-18	A	3.2	1.6	1.6	0.8	1.1	1.2

PACKAGING INFORMATION:

Reel Size (#)	T = 7" Reel Automotive Pure Tin	U = 13" Reel Automotive Pure Tin
Quantity	2000	8000
Tape Width	8 mm	8 mm

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