

# Tantalum Product - TAJ Series



## PRODUCT SPECIFICATIONS :

Nominal Capacitance @ 120Hz	10 $\mu$ F
Capacitance Tolerance (*)	K = $\pm$ 10%; M = $\pm$ 20%
Rated Voltage DC (V <sub>R</sub> )	$\leq$ 85°C 25 V
Category Voltage DC (V <sub>C</sub> )	$\leq$ 125°C 17 V
Surge Voltage (V <sub>S</sub> )	$\leq$ 85°C 32 V
	$\leq$ 125°C 20 V
Temperature Range	-55°C to +125°C
Direct Leakage Current max. @ V <sub>R</sub>	2.5 $\mu$ A
Dissipation Factor max. @ 120Hz	6 %
ESR max. @ 100kHz	1.8 Ohm
Typical weight (C case)	166 mg



Moisture sensitivity level: meets MSL 1

Reflow specification: meets J-STD-020 standard

For AEC-Q200 availability, please contact KYOCERA AVX

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
247	222	WW	445	400	178

## HOW TO ORDER:

TAB

Type

C

Case code

106

Capacitance  
Value

\*

Cap.  
Tolerance

025

Rated  
DC

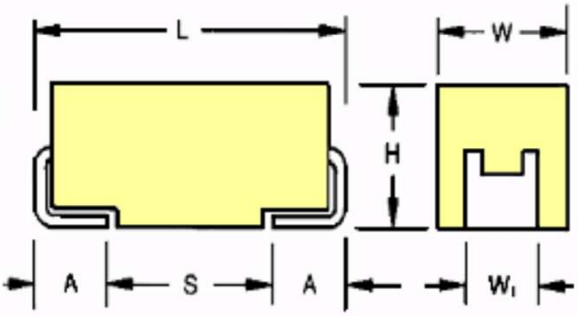
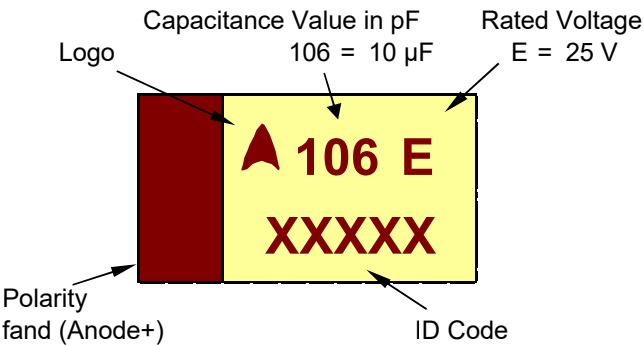
J

Packaging

NB

Su##ix

## DRAWING AND DIMENSIONS:



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## CASE DIMENSIONS: millimetres

Case							
EIA	Size	L ±0.2	– +0.2 /0.1	H +0.2 /0.1	A +0.3 /0.2	S min.	–1 ±0.2
6032-28	C	6.0	3.2	2.6	1.3	2.W	2.2

## PACKAGING INFORMATION:

Reel Size (J)	R = 7G Reel Pure Tin Termination	S = 13G Reel Pure Tin Termination	A = 7G Reel Gold Plated Termination	f = 13G Reel Gold Plated Termination
Quantity	500	3000	500	3000
Tape width	12 mm	12 mm	12 mm	12 mm

Issued by: KYOCERA AVX Technical Marketing Team  
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