Tantalum Product - **TAC** Series

PRODUCT SPECIFICATIONS :



Nominal Capacitance @ 120Hz	100 µF	
Capacitance Tolerance (*)	K = ±10%; M = ±20%	
Rated Voltage DC (V_R)	≤ 85°C	6.3 V
Category Voltage DC (V_C)	≤ 125°C	4 V
Surge Voltage (V_S)	≤ 85°C	8 V
	≤ 125°C	5 V
Temperature Range	-55°C to +125°C	
Direct Leakage Current max. @ V_R	6.3 µA	
Dissipation Factor max. @ 120Hz	12 %	
ESR max. @ 100kHz	1 Ohm	
Typical weight (T case)	65.8 mg	

RoHS COMPLIANT

LEAD-FREE

LEAD-FREE COMPATIBLE COMPONENT

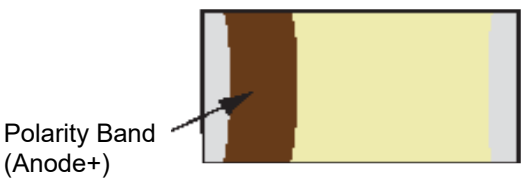
Moisture sensitivity level: meets MSL 1
Reflow specification: meets J-STD-020 standard
100% surge current tested
All technical data relates to an ambient temperature of +25°C, Capacitance and DF are measured at 120Hz, 0.5RMS with DC bias of 2.2V.
DCL is measured at rated voltage after 5 minutes.
KYOCERA AVX reserves the rights to supply higher voltage rating in the same case size, to the same reliability standards.

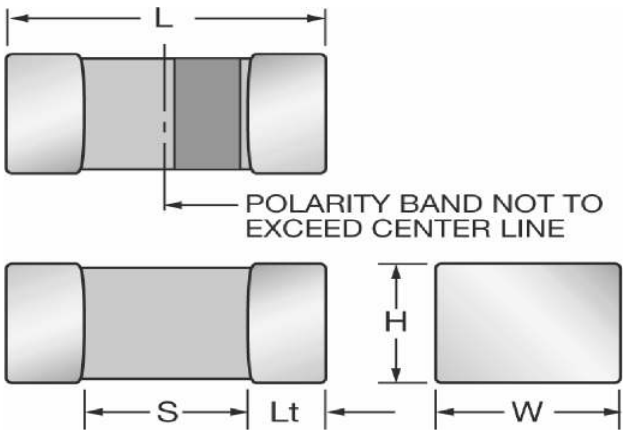
RMS value of Ripple Current (mA) @100kHz			RMS value of Ripple Voltage (mV) @100kHz		
25˚C	85˚C	125˚C	25˚C	85˚C	125˚C
200	180	80	200	180	80

HOW TO ORDER:

TAC	T	107	*	006	#	TA
Type	Case code	Capacitance Value	Cap. Tolerance	Rated DC	Packaging	Suffix

DRAWING AND DIMENSIONS:





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CASE DIMENSIONS: millimetres

Case						
EIA	Size	L ±0.2	W +0.20 -0.10	H max.	Lt min.	S min.
1411 (3528-12M)	T	3.5	2.8	1.2	0.15	2.0

PACKAGING INFORMATION:

Reel Size (#)	X = 4" Reel	R = 7" Reel	F = 4" Reel Gold Termination	A = 7" Reel Gold Termination
Quantity	500	2500	500	2500
Tape Width	8 mm	8 mm	8 mm	8 mm
Component pitch	4 mm	4 mm	4 mm	4 mm
Tape Type	Plastic embossed	Plastic embossed	Plastic embossed	Plastic embossed

Issued by: KYOCERA AVX Technical Marketing Team
Tantalum Division
More details at: www.kyocera-avx.com
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NORTH AMERICA
Tel: +1 864-967-2150

CENTRAL AMERICA
Tel: +55 11-46881960

EUROPE
Tel: +44 1276-697000

ASIA
Tel: +65 6286-7555

JAPAN
Tel: +81 740-321250

WWW.KYOCERA-AVX.COM

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