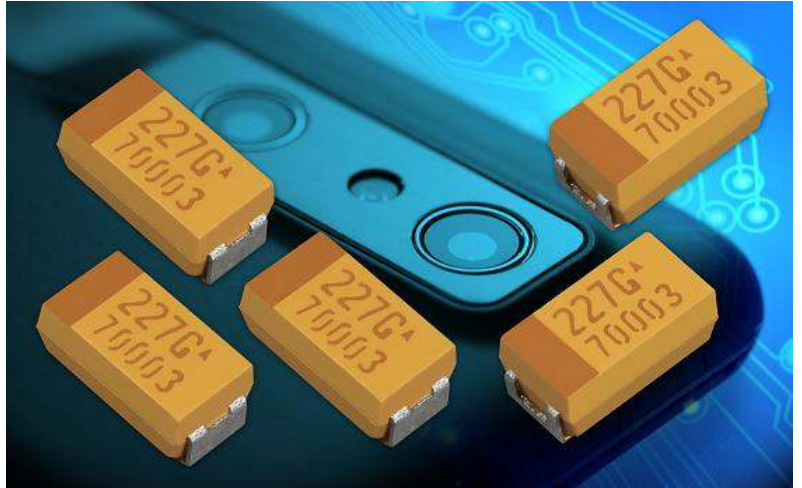


Tantalum Product - TLJ Consumer Series

PRODUCT SPECIFICATIONS :

Nominal Capacitance @ 120Hz	100 μ F
Capacitance Tolerance (*)	M = \pm 20%
Rated Voltage (V _R)	\leq 40°C 10 V
Category Voltage (V _C)	\leq 85°C 5 V
Category Voltage (V _C)	\leq 125°C 2 V
Temperature Range with cat. Voltage	-55°C to +125°C
Direct Leakage Current max. @ V _R	10 μ A
ESR max. @ 100kHz	1.4 Ohm
Maximum Surge Current	2.7 A
Typical weight (A case)	29 mg



Moisture sensitivity level: meets MSL 3

Reflow specification: meets J-STD-020 standard

100% surge current tested

All technical data relates to an ambient temperature of +25 °C, Capacitance is measured at 120Hz, 0.5RMS with DC bias of 2.2V. DCL is measured at rated voltage after 5 minutes.

ESR allowed to move up to 1.25 times catalogue limit post mounting, DCL allowed to move up to 2 times catalogue limit post mounting

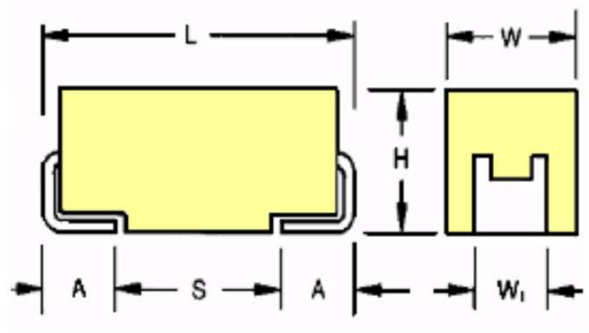
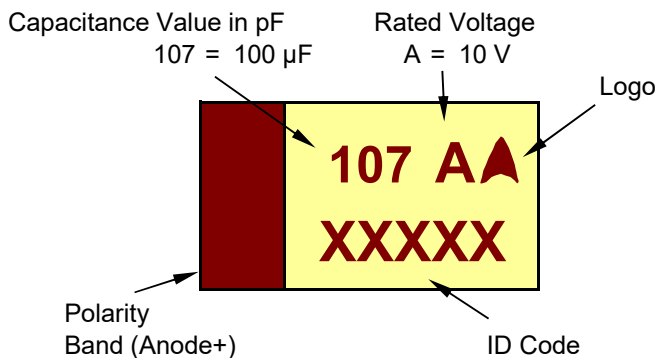
KYOCERA AVX reserves the rights to supply higher voltage rating in the same case size, to the same reliability standards

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
231	208	93	324	292	130

HOW TO ORDER:

TLJ	A	107	M	010	#	1400
Type	Case code	Capacitance Value	Cap. Tolerance	Rated DC	Packaging	ESR in mOhms

DRAWING AND DIMENSIONS:



Tantalum Product - TLJ Consumer Series

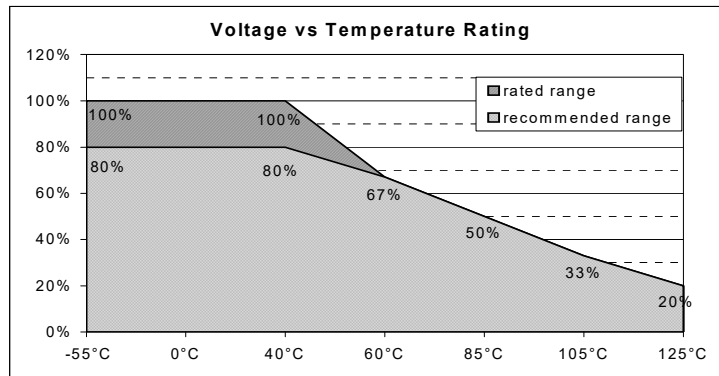


CASE DIMENSIONS: millimetres

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	Size						
3216-18	A	3.2	1.6	1.6	0.8	1.1	1.2

PACKAGING INFORMATION:

Reel Size (#)	R = 7" Reel Pure Tin Termination	S = 13" Reel Pure Tin Termination	A = 7" Reel Gold Plated Termination	B = 13" Reel Gold Plated Termination
Quantity	2000	8000	2000	8000
Tape Width	8 mm	8 mm	8 mm	8 mm



Issued by: KYOCERA AVX Technical Marketing Team
Tantalum Division
More details at: www.kyocera-avx.com
Version: 10/2021

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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