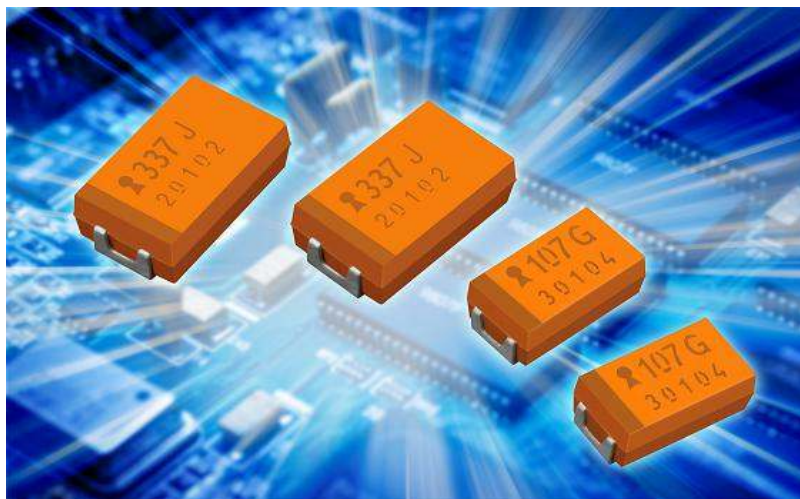


OxiCap® – NOJ Niobium Oxide Capacitor



PRODUCT SPECIFICATIONS :

Nominal Capacitance @ 120Hz	6.8 μ F
Capacitance Tolerance (*)	M = \pm 20%
Rated Voltage DC (V _R)	\leq 85°C 6.3 V
Category Voltage DC (V _C)	\leq 105°C 4 V
Surge Voltage (V _S)	\leq 85°C 8 V \leq 105°C 5 V
Temperature Range	-55°C to +105°C
Direct Leakage Current max. @ V _R	1.1 μ A
Dissipation Factor max. @ 120Hz	6 %
ESR max. @ 100kHz	2.6 Ohm
Typical weight (A case)	25 mg



Elektra
Award
2005

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	105°C	25°C	85°C	105°C
186	167	74	484	435	193

HOW TO ORDER:

NOJ

Type

A

Case code

685

Capacitance
Value

M

Cap.
Tolerance

006

Rated
DC

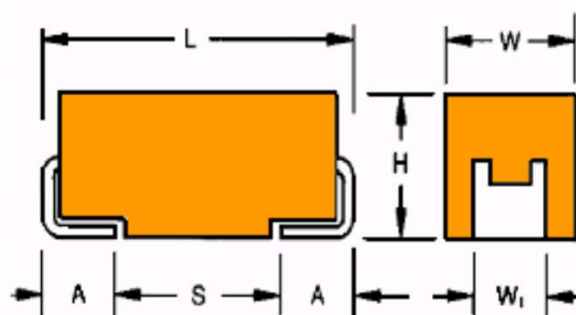
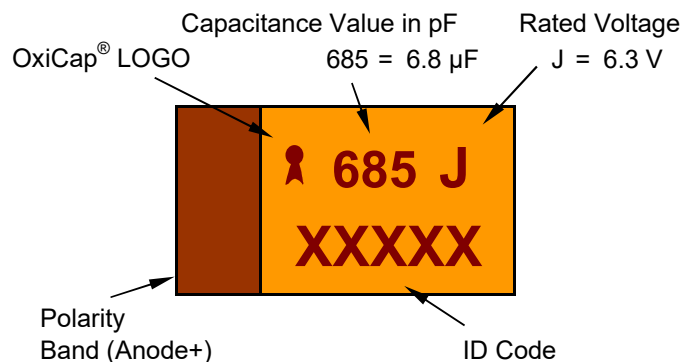
#

Packaging

WJ

Suffix

DRAWING AND DIMENSIONS:



OxiCap[®] – NOJ Niobium Oxide Capacitor



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

Issued by: KYOCERA AVX Technical Marketing Team
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