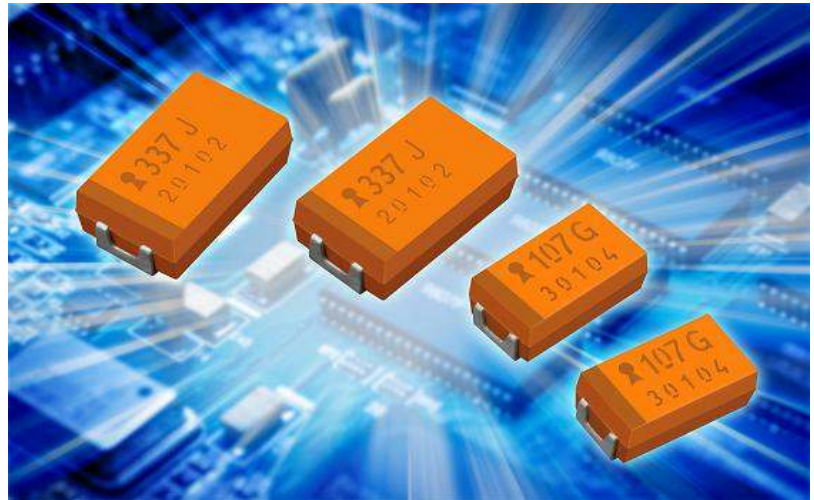


# OxiCap<sup>®</sup> – NOJ Niobium Oxide Capacitor



## PRODUCT SPECIFICATIONS :

Nominal Capacitance @ 120Hz	22 $\mu$ F
Capacitance Tolerance (*)	M = $\pm$ 20%
Rated Voltage DC (V <sub>R</sub> )	$\leq$ 85°C      6.3 V
Category Voltage DC (V <sub>C</sub> )	$\leq$ 105°C      4 V
Surge Voltage (V <sub>S</sub> )	$\leq$ 85°C      8 V $\leq$ 105°C      5 V
Temperature Range	-55°C to +105°C
Direct Leakage Current max. @ V <sub>R</sub>	2.6 $\mu$ A
Dissipation Factor max. @ 120Hz	6 %
ESR max. @ 100kHz	1.9 Ohm
Typical weight (B case)	57 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
232	209	93	440	396	176

## HOW TO ORDER:

NOJ

Type

B

Case code

226

Capacitance Value

M

Cap. Tolerance

006

Rated DC

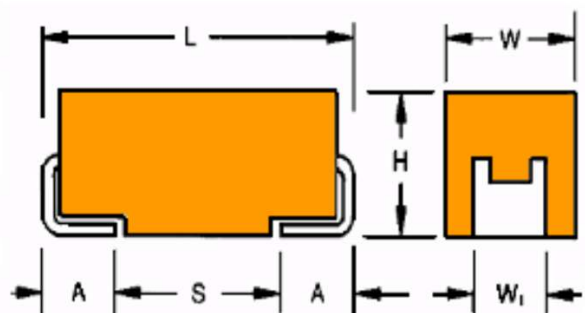
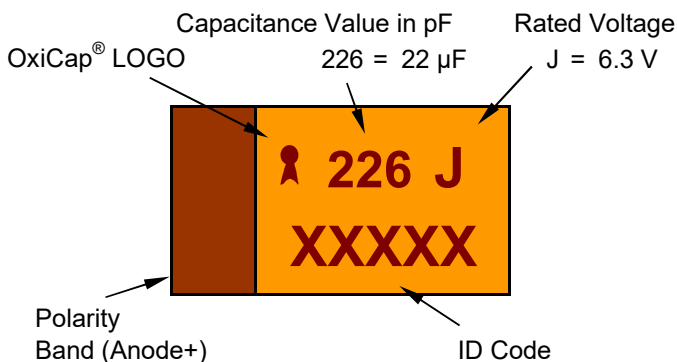
#

Packaging

WJ

Suffix

## DRAWING AND DIMENSIONS:



# OxiCap<sup>®</sup> – NOJ Niobium Oxide Capacitor



## 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						
3528-21	B	3.5	2.8	1.9	0.8	1.4	2.2

## 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  
Tantalum Division

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