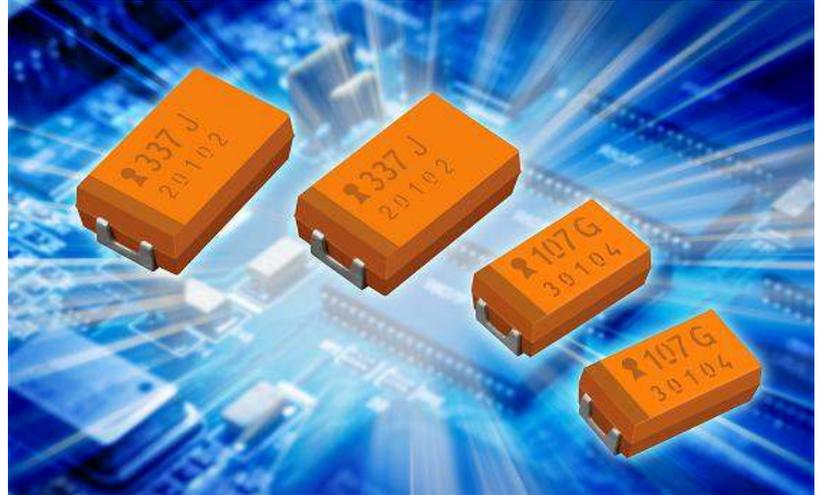


# OxiCap<sup>®</sup> – NOJ Niobium Oxide Capacitor



## PRODUCT SPECIFICATIONS :

Nominal Capacitance @ 120Hz	330 $\mu$ 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. @ $V_R$	39.6 $\mu$ A
Dissipation Factor max. @ 120Hz	10 %
ESR max. @ 100kHz	0.3 Ohm
Typical weight (D case)	265 mg



Elektra Award 2005

Moisture sensitivity level: Meets MSL 3

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

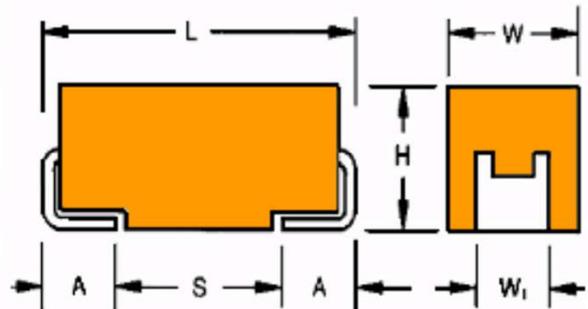
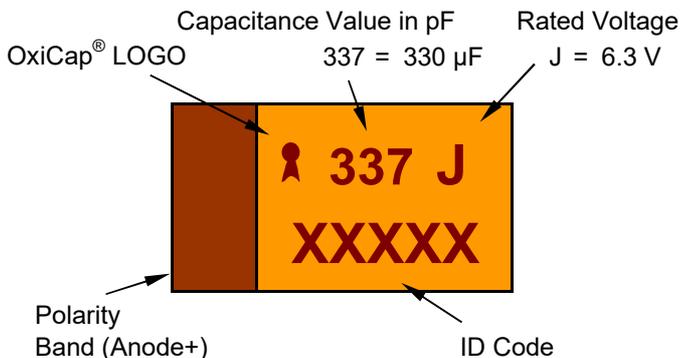
KYOCERA AVX reserves the rights to supply higher voltage rating in the same case size, to the same reliability standards

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
775	697	310	232	209	93

## HOW TO ORDER:

NOJ	D	337	M	006	#	WJ
Type	Case code	Capacitance Value	Cap. Tolerance	Rated DC	Packaging	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						
7343-31	D	7.3	4.3	2.9	1.3	4.4	2.4

## PACKAGING INFORMATION:

Reel Size (#)	R = 7" Reel Pure Tin Termination	S = 13" Reel Pure Tin Termination
Quantity	500	2500
Tape Width	12 mm	12 mm

Issued by: KYOCERA AVX Technical Marketing Team  
Tantalum Division

More details at: [www.kyocera-avx.com](http://www.kyocera-avx.com)

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