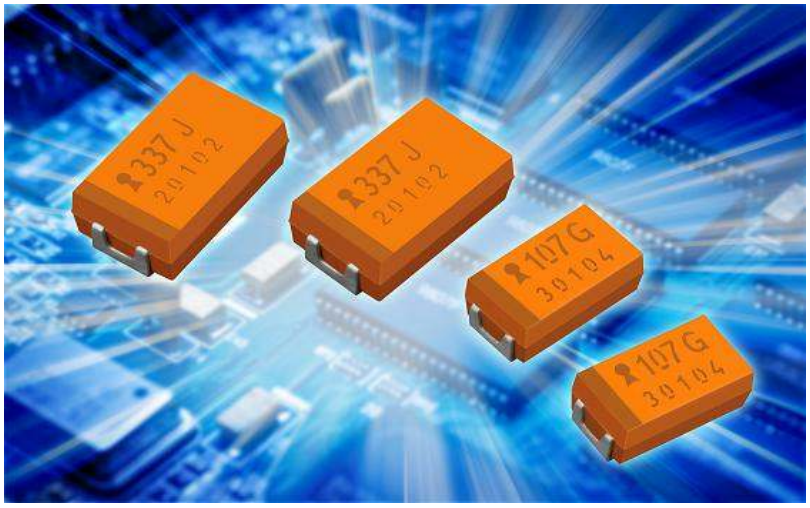
OxiCap® – NOJ Niobium Oxide Capacitor

PRODUCT SPECIFICATIONS :

Nominal Capacitance @ 120Hz	100 µF	
Capacitance Tolerance (*)	M = ± 20%	
Rated Voltage DC (V_R)	≤ 85°C	6.3 V
Category Voltage DC (V_C)	≤ 105°C	4 V
Surge Voltage (V_S)	≤ 85°C ≤ 105°C	8 V 5 V
Temperature Range	-55°C to +105°C	
Direct Leakage Current max. @ V_R	60 µA	
Dissipation Factor max. @ 120Hz	20 %	
ESR max. @ 100kHz	1.7 Ohm	
Typical weight (B case)	57 mg	



RoHS COMPLIANT

NON-BURN NON-SMOKE

LEAD-FREE

LEAD-FREE COMPATIBLE COMPONENT



Elektra Award 2005

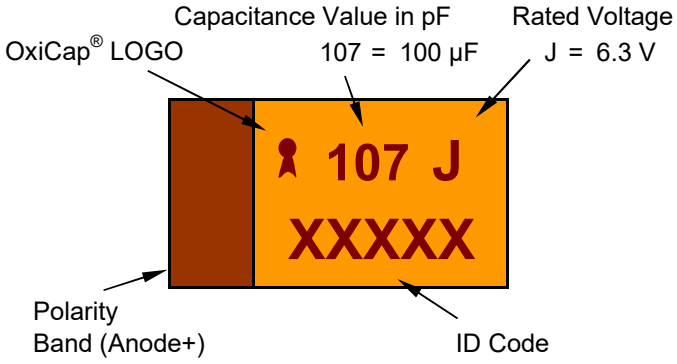
Moisture sensitivity level: Meets MSL 1
Reflow specification: meets J-STD-020 standard
Meets requirements of AEC-Q200
100% surge current tested
All technical data relates to an ambient temperature of +25°C, Capacitance and DF are measured at 120Hz, 0.5RMS with DC bias of 2.2V. DCL is measured at rated voltage after 5 minutes
KYOCERA AVX reserves the rights to supply higher voltage rating in the same case size, to the same reliability standards

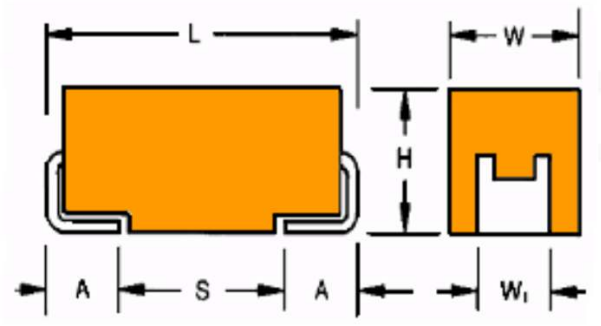
RMS value of Ripple Current (mA) @100kHz			RMS value of Ripple Voltage (mV) @100kHz		
25˚C	85˚C	105˚C	25˚C	85˚C	105˚C
245	220	98	416	375	167

HOW TO ORDER:

NOJ	B	107	M	006	#	WJ
Type	Case code	Capacitance Value	Cap. Tolerance	Rated DC	Packaging	Suffix

DRAWING AND DIMENSIONS:





Niobium oxide capacitors are manufactured and sold under patent license from Cabot Corporation, Boyertown, Pennsylvania U.S.A.

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
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

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