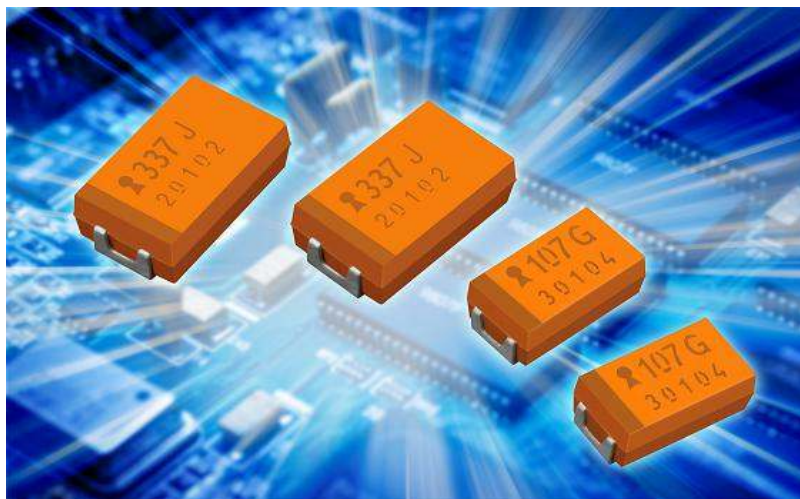


OxiCap® – NOJ Niobium Oxide Capacitor



PRODUCT SPECIFICATIONS :

Nominal Capacitance @ 120Hz	100 μ F
Capacitance Tolerance (*)	M = \pm 20%
Rated Voltage DC (V _R)	\leq 85°C 2.5 V
Category Voltage DC (V _C)	\leq 105°C 1.7 V
Surge Voltage (V _S)	\leq 85°C 3.3 V \leq 105°C 2.2 V
Temperature Range	-55°C to +105°C
Direct Leakage Current max. @ V _R	5 μ A
Dissipation Factor max. @ 120Hz	6 %
ESR max. @ 100kHz	1.4 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
270	243	108	378	340	151

HOW TO ORDER:

NOJ

Type

B

Case code

107

Capacitance
Value

M

Cap.
Tolerance

002

Rated
DC

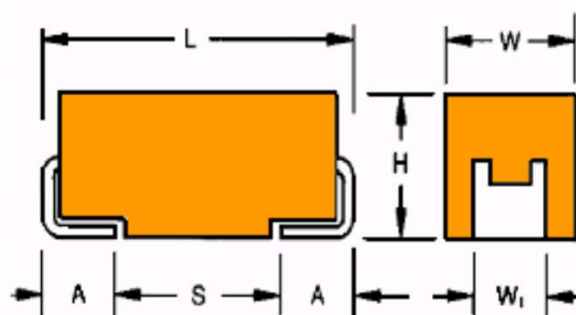
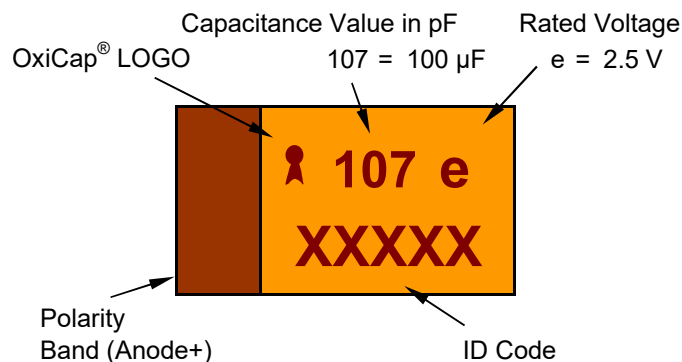
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Packaging

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
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
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