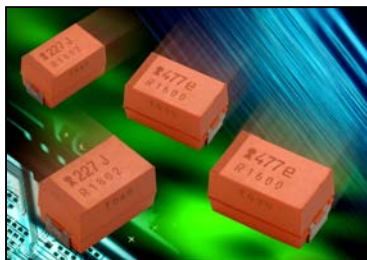
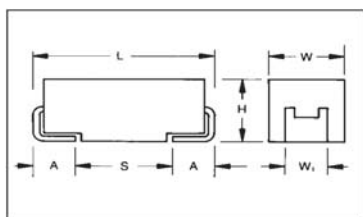


NBM Multianodes

OxiCap™ Ultra Low ESR Capacitor COTS-Plus



TEXT needed



CASE DIMENSIONS: millimeters (inches)

Code	EIA Code	L+0.20 (0.008)	W+0.20 (0.008) -0.10 (0.004)	H+0.20 (0.008) -0.10 (0.004)	W ₁ ±0.20 (0.008)	A+0.30 (0.012) -0.20 (0.008)	S Min.
E	7343-43	7.30 (0.287)	4.30 (0.169)	4.10 (0.162)	2.40 (0.094)	1.30 (0.051)	4.40 (0.173)

HOW TO ORDER

NBM	E	227	M	006	C		SB	07	++
Type	Case Size	Capacitance Code pF code: 1 st two digits represent significant figures 3 rd digit represents multiplier (number of zeros to follow)	Capacitance Tolerance M = ±20%	Voltage Code 001 = 1.8Vdc 002 = 2.5Vdc 004 = 4Vdc 006 = 6Vdc	ESR C = Std. ESR	Packaging B = Bulk R = 7" T&R S = 13" T&R W = Waffle	Qualification/Reliability S = COTS+ B = 0.1% per 1000 hrs. C = 0.01% per 1000 hrs.	Termination Finish 07 = 100% Tin	Surge Test Option 00 = None 23 = 10 cycles, +25°C 24 = 10 cycles, -55°C & +85°C

TECHNICAL SPECIFICATIONS

Technical Data:		All technical data relate to an ambient temperature of +25°C is not stated					
Capacitance Range:	220µF to 680µF						
Capacitance Tolerance:	±20%						
Leakage Current DCL:	0.02CV						
Rated Voltage DC (V _R)	≤ +85°C:	1.8	2.5	4	6		
Category Voltage (V _C)	≤ +125°C:	0.9	1.3	2	3		
Surge Voltage (V _S)	≤ +85°C:	2.3	3.3	5.2	8		
	≤ +125°C:	1.2	1.7	2.6	4		
Temperature Range:	-55°C to +125°C						
Reliability:	0.2% per 1000 hours at 85°C, V _R , 0.1Ω/V series impedance, 60% confidence level						

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CAPACITANCE AND RATED VOLTAGE RANGE (LETTER DENOTES CASE SIZE)

Capacitance		Rated voltage DC (V _R) to 85°C / 0.66 DC to 105°C / 0.5 DC to 125°C			
Cap. (µF)	Code	1.8V (x)	2.5V (e)	4V (G)	6.3V (J)
150	157				
220	227				E(40)
330	337			E(35)	
470	477		E(30)		
680	687	E(23)			
1000	108				



LEAD-FREE
LEAD-FREE COMPATIBLE
COMPONENT



HALOGEN-FREE COMPOUNDS
ENVIRONMENTAL FRIENDLY
COMPONENT



NON-BURN
NON-SMOKE

RATINGS & PART NUMBER REFERENCE

AVX Part No.	Case Size	Capacitance (µF)	Rated Voltage (V)	DCL (µA)	DF %	ESR Max. (mΩ)	100kHz Ripple Current Ratings (A)			100kHz Ripple Voltage Ratings (V)		
							25°C	85°C ^o	125°C	25°C	85°C	125°C ^o
NBME687M001C SB07++	E	680	1.8	24.5	6	23	3.753	3.378	1.501	0.086	0.078	0.035
NBME477M002C SB07++	E	470	2.5	23.5	10	30	3.286	2.958	1.315	0.099	0.089	0.039
NBME337M004C SB07++	E	330	4	26.4	8	35	3.043	2.738	1.217	0.106	0.096	0.043
NBME227M006C SB07++	E	220	6.3	26.4	12	40	2.846	2.561	1.138	0.114	0.102	0.046

All technical data relates to an ambient temperature of +25°C. Capacitance and DF are measured at 120Hz, 0.5RMS with DC bias of 2.2 volts. DCL is measured at rated voltage after 5 minutes.

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