

SURFACE MOUNT

ELECTROLYTIC 105 °C REDUCED SIZE DVJR

SECTION 1

- SMT electrolytic
- Small can sizes
- Long life grade (up to 2000 hours @ 105°C)
- New expanded CV range
- Designed for automatic mounting and reflow soldering

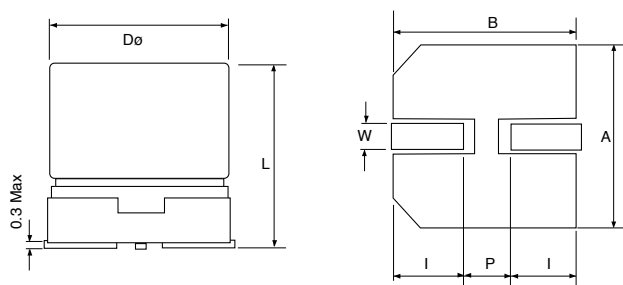


SPECIFICATION

Item	Performance									
Category Temperature Range (°C)	-50 to +105									
Tolerance of Rated Capacity (%)	± 20									
Leakage Current (μA)	Less than 0.01CV or 3 whichever is larger (after 2min) C: rated capacitance (μF)									
Tangent of Loss Angle (tanδ)	Rated Voltage (V)	6.3	10	16	25	35	50			
	tanδ (max)	0.30	0.24	0.22	0.16	0.13	0.12			
Characteristics at high and low temperature	Rated Voltage (V)	6.3	10	16	25	35	50			
	Impedance Ratio (max) Z-25°C / Z+20°C	4	3	2	2	2	2			
	Z-40°C / Z+20°C	8	5	4	3	3	3			
Endurance (105°C) (Applied Ripple Current)	Test Time *	2000 hours								
	Leakage Current	The initial specified value or less								
	Percentage of Capacitance Change	Within 20% of initial value								
	Tangent of Loss Angle	200% or less of the initial specified value								
Shelf Life (85°C)	Test Time: 1000 hours: other items are the same as those for endurance. JIS C5101-1									
Applicable Standards	JIS C5101-1, -18 1998 (IEC600384-1 1992, -18 1993)									

* at the end of part number on page 00 denotes 1000 hours

OUTLINE DRAWING



D Ø	L	A	B	I	W	P
4	5.3 +/- 0.2	4.3	4.3	2.0	0.5 to 0.8	1.0
5	5.3 +/- 0.2	5.3	5.3	2.3	0.5 to 0.8	1.5
6.3	5.3 +/- 0.2	6.6	6.6	2.7	0.5 to 0.8	2.0
8	6.5 +/- 0.3	8.4	8.4	3.4	0.5 to 0.8	2.3
8	10 +/- 0.5	8.4	8.4	3.0	0.7 to 1.1	3.1
10	10 +/- 0.5	10.4	10.4	3.3	0.7 to 1.1	4.7

COEFFICIENT OF FREQUENCY FOR RATED RIPPLE CURRENT

Frequency (Hz)/ Rated Voltage	50-60	120	1k	10k - 100k
6.3 to 16	0.8	1	1.15	1.25
25 to 35	0.8	1	1.25	1.40
50 to 63	0.8	1	1.35	1.50
100	0.7	1	1.35	1.50

ORDERING INFORMATION

DVJR	47	35	LF
Series	Capacitance	Voltage	Lead Free

STANDARD PRODUCT & CASE SIZE TABLE DØxL mm

Part No.	W.V (V.DC)	Cap (µF)	ESR (120Hz/+20C) max	Ripple Current (120Hz/+105C) (mA) rms max	Size dia/height
*DVJR226.3-LF	6.3	22	23	21	4x5.5
*DVJR476.3-LF	6.3	47	11	36	5x5.5
*DVJR1006.3-LF	6.3	100	5	61	6.3x5.5
DVJR2206.3-LF	6.3	220	2.3	178	8x10
DVJR3306.3-LF	6.3	330	1.5	178	8x10
DVJR4706.3-LF	6.3	470	1	324	10x10
DVJR10006.3-LF	6.3	1000	0.5	324	10x10
*DVJR3310-LF	10	33	13	31	5x5.5
DVJR22010-LF	10	220	2	178	8x10
DVJR100010-LF	10	1000	0.4	324	10x10
DVJR1016-LF	16	10	40	27	4x6
DVJR2216-LF	16	22	18	46	5X6
DVJR4716-LF	16	47	8.5	78	6.3X6
DVJR10016-LF	16	100	3.6	110	6.3x5.5
DVJR10016D8-LF	16	100	3.6	110	8x6.5
DVJR22016-LF	16	220	1.7	324	10x10
DVJR33016-LF	16	330	1.1	324	8x10
DVJR33016D10-LF	16	330	1.1	324	10X10
DVJR47016-LF	16	470	0.78	324	10x10
DVJR2225-LF	25	22	14	62	6.3X6
DVJR3325-LF	25	33	9	76	6.3X6
DVJR4725-LF	25	47	5.7	110	8x6.5
DVJR10025-LF	25	100	2.7	178	8x10
DVJR33025-LF	25	330	0.8	324	8x10
DVJR33025D10-LF	25	330	0.8	324	10x10
DVJR4.735-LF	35	4.7	53	23	4X6
DVJR1035-LF	35	10	25	39	5X6
DVJR2235-LF	35	22	11	65	6.3x6
DVJR3335-LF	35	33	6.5	110	8x6.5
DVJR4735-LF	35	47	4.6	110	6.3x6
DVJR4735D8-LF	35	47	4.6	110	8x6.5
DVJR10035-LF	35	100	2.2	324	8X10
DVJR22035-LF	35	220	0.98	324	10x10
DVJR0.150-LF	50	0.15	2321	4	4X6
DVJR0.2250-LF	50	0.22	1055	5	4X6
DVJR0.3350-LF	50	0.33	703	6	4X6
DVJR0.4750-LF	50	0.47	494	7	4X6
DVJR1.050-LF	50	1	232	12	4X6
DVJR2.250-LF	50	2.2	105	19	4X6
DVJR3.350-LF	50	3.3	70	22	4X6
DVJR4.750-LF	50	4.7	49	29	5X6
DVJR1050-LF	50	10	23	47	6.3X6
DVJR2250-LF	50	22	9.1	110	8x6.5
DVJR3350-LF	50	33	6	178	8x10
DVJR4750-LF	50	47	4.2	178	8x10
DVJR10050-LF	50	100	2	178	8x10
DVJR10050D10-LF	50	100	2	324	10x10