- Non Polarised SMT Electrolytic 85°C
- Designed for Automatic Insertion and Reflow Soldering
- 5.5mm High



SPECIFICATION

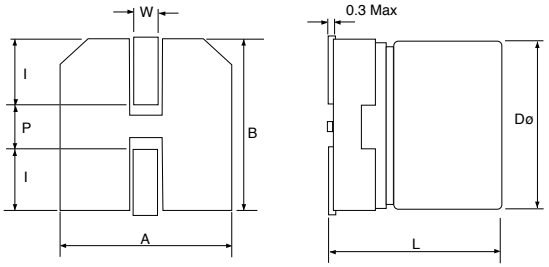
Rated Voltage Range	6.3 ~ 50Vdc						
Rated Capacitance Range	0.1 ~ 47µF						
Operating Temperature Range	-40° ~+85°C						
Capacitance Tolerance	±20% (M)						
Maximum Leakage Current After 2 minutes At 20°C	0.05CV, or 10µA, whichever is greater						
	W.V. (Vdc)	6.3	10	16	25	35	50
Max. Tanδ @ 120 Hz/20°C	Tanδ @ 120Hz/20°C	0.3	0.25	0.2	0.15	0.15	0.15
Low Temperature.	W.V. (Vdc)	6.3	10	16	25	35	50
Stability	Z-25°C/Z +20°C	3	3	2	2	2	2
Impedance Ratio @ 120Hz	Z-40°C/Z +20°C	8	5	4	3	3	3
Load Life Test	Capacitance Change	Within ±20% of initial measured value					
85°C, 1,000 Hours	Tanδ	Less than 200% of specified value					
(Reverse polarity every 250 hours)	Leakage Current	Less than specified value					

COEFFICIENT OF FREQ FOR RATED RIPPLE

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	0.8	1	1.35	1.50

OUTLINE DRAWING

Ø D	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



ORDERING INFORMATION

DVCNP	4.7	35	LF
Series	Capacitance	Voltage	Lead Free

RANGE & CASE SIZES

Part No.	W.V (V.DC)	Cap (uF)	ESR (120Hz/+20C) max	Ripple Current (120Hz/+105C) (mA) rms max	Size dia/height
DVCNP226.3-LF	6.3	22	23	27	5X5.5
DVCNP336.3-LF	6.3	33	15	45	6.3X5.5
DVCNP476.3-LF	6.3	47	11	54	6.3X5.5
DVCNP1010-LF	10	10	50	18	4X5.5
DVCNP2210-LF	10	22	19	40	6.3X5.5
DVCNP3310-LF	10	33	13	50	6.3X5.5
DVCNP4.716-LF	16	4.7	88	14	4X5.5
DVCNP1016-LF	16	10	33	26	5X5.5
DVCNP2216-LF	16	22	15	45	6.3X5.5
DVCNP3316-LF	16	33	10	55	6.3X5.5
DVCNP3.325-LF	25	3.3	101	13	4X5.5
DVCNP4.725-LF	25	4.7	53	20	5X5.5
DVCNP1025-LF	25	10	25	35	6.3X5.5
DVCNP2.235-LF	35	2.2	151	10	4X5.5
DVCNP3.335-LF	35	3.3	75	17	5X5.5
DVCNP4.735-LF	35	4.7	53	21	5X5.5
DVCNP1035-LF	35	10	25	35	6.3X5.5
DVCNP0.150-LF	50	0.1	3320	2.3	4X5.5
DVCNP0.2250-LF	50	0.22	1510	3.3	4X5.5
DVCNP0.3350-LF	50	0.33	1010	4.1	4X5.5
DVCNP0.4750-LF	50	0.47	706	4.9	4X5.5
DVCNP150-LF	50	1	332	7.2	4X5.5
DVCNP2.250-LF	50	2.2	113	14	5X5.5
DVCNP3.350-LF	50	3.3	75	17	5X5.5
DVCNP4.750-LF	50	4.7	53	24	6.3X5.5