

NW5 SERIES

Bi-polar, 5mm Height

◆FEATURES

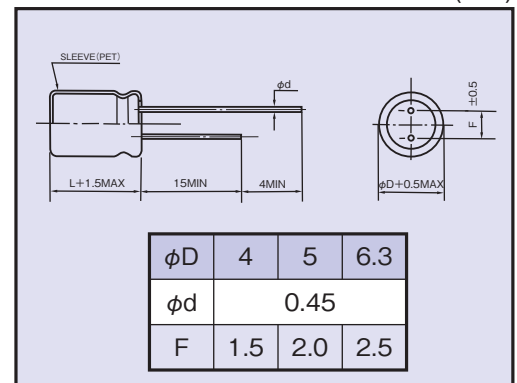
•RoHS compliance.

◆SPECIFICATIONS

Items	Characteristics					
Category Temperature Range	-40~+85°C					
Rated Voltage Range	6.3~50V.DC					
Capacitance Tolerance	±20% (20°C, 120Hz)					
Leakage Current(MAX)	I=0.05CV or 10μA whichever is greater. (After 5 minutes application of rated voltage)					
	I=Leakage Current(μA)	C=Capacitance(μF)		V=Rated Voltage(V)		
Dissipation Factor(MAX) (tanδ)	Rated Voltage (V)	6.3	10	16	25	35 50
		tanδ	0.26	0.22	0.20	0.20 0.20 0.20
Endurance	After applying rated voltage with rated ripple current for 1000hrs at 85°C, (The polarity shall be reversed every 500hrs.), the capacitors shall meet the following requirements.					
	Capacitance Change	Within ±25% of the initial value.				
	Dissipation Factor	Not more than 200% of the specified value.				
	Leakage Current	Not more than the specified value.				
Low Temperature Stability Impedance Ratio(MAX)	Rated Voltage (V)	6.3	10	16	25	35 50
	Z(-25°C)/Z(20°C)	6	4	4	3	2 2
	Z(-40°C)/Z(20°C)	12	10	8	6	4 4

◆DIMENSIONS

(mm)



◆MULTIPLIER FOR RIPPLE CURRENT

Frequency coefficient

Frequency (Hz)		60(50)	120	500	1k	10k≤
Coefficient	0.33~1μF	0.50	1.00	1.20	1.30	1.50
	2.2~4.7μF	0.65	1.00	1.20	1.30	1.50
	10~47μF	0.80	1.00	1.20	1.30	1.50

◆OPTION

	Code
PET Sleeve	EFC

◆STANDARD SIZE

Size φD×L(mm), Ripple Current (mA r.m.s./85°C, 120Hz)

WV (V.DC)	Cap (μF)	Size (φD×L)	Rated Ripple Current
6.3 (0J)	10	4×5	14
	22	5×5	25
	33	6.3×5	35
	47	6.3×5	40
10 (1A)	10	5×5	18
	22	6.3×5	30
	33	6.3×5	37
16 (1C)	4.7	4×5	12
	10	5×5	20
	22	6.3×5	32

WV (V.DC)	Cap (μF)	Size (φD×L)	Rated Ripple Current
25 (1E)	3.3	5×5	10
	4.7	5×5	13
	10	6.3×5	21
35 (1V)	2.2	4×5	9
	3.3	5×5	11
	4.7	5×5	14
	10	6.3×5	24

WV (V.DC)	Cap (μF)	Size (φD×L)	Rated Ripple Current
50 (1H)	0.33	4×5	2
	0.47	4×5	3
	1	4×5	5
	2.2	5×5	10

◆PART NUMBER

□□□ NW5 □□□□□ M □□□ □□ D×L
 Rated Voltage Series Rated Capacitance Capacitance Tolerance Option Lead Forming Case Size