

NW7 シリーズ
SERIES

両極性高さ7mm品
Bi-polar, 7mm Height

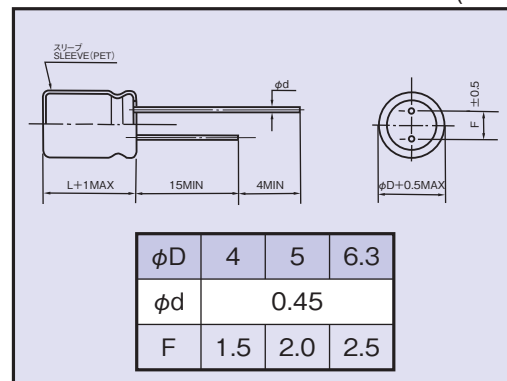
RoHS
compliance



◆規格表 / SPECIFICATIONS

項 目 Items	特 性 Characteristics																					
カテゴリ温度範囲 Category Temperature Range	-40~+85℃																					
定格電圧範囲 Rated Voltage Range	6.3~50Vdc																					
静電容量許容差 Capacitance Tolerance	±20% (20℃, 120Hz)																					
漏れ電流 Leakage Current(MAX)	I=0.05CV又は10μAのいずれか大なる値以下 (定格電圧印加5分後) I=0.05CV or 10μA whichever is greater. (After 5 minutes application of rated voltage) I=漏れ電流(μA) C=静電容量(μF) V=定格電圧(Vdc) Leakage Current Capacitance Rated Voltage																					
損失角の正接 (tanδ) Dissipation Factor(MAX)	<table><tr><td>定格電圧(Vdc) Rated Voltage</td><td>6.3</td><td>10</td><td>16</td><td>25</td><td>35</td><td>50</td></tr><tr><td>tanδ</td><td>0.26</td><td>0.22</td><td>0.18</td><td>0.17</td><td>0.15</td><td>0.14</td></tr></table> (20℃, 120Hz)	定格電圧(Vdc) Rated Voltage	6.3	10	16	25	35	50	tanδ	0.26	0.22	0.18	0.17	0.15	0.14							
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耐久性 Endurance	85℃中で500時間毎に極性を反転させ1000時間定格電圧(リップル重量)印加後、下記項目を満足すること。 After applying rated voltage with rated ripple current for 1000hrs at 85℃, (The polarity shall be reversed every 500hrs.), the capacitors shall meet the following requirements. <table><tr><td>静電容量変化率 Capacitance Change</td><td>初期値の±25%以内 Within ±25% of the initial value.</td></tr><tr><td>損失角の正接 Dissipation Factor</td><td>規格値の200%以下 Not more than 200% of the specified value.</td></tr><tr><td>漏れ電流 Leakage Current</td><td>規格値以下 Not more than the specified value.</td></tr></table>	静電容量変化率 Capacitance Change	初期値の±25%以内 Within ±25% of the initial value.	損失角の正接 Dissipation Factor	規格値の200%以下 Not more than 200% of the specified value.	漏れ電流 Leakage Current	規格値以下 Not more than the specified value.															
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低温特性 Low Temperature Stability (インピーダンス比) Impedance Ratio(MAX)	<table><tr><td>定格電圧(Vdc) Rated Voltage</td><td>6.3</td><td>10</td><td>16</td><td>25</td><td>35</td><td>50</td></tr><tr><td>Z(-25℃)/Z(20℃)</td><td>4</td><td>3</td><td>3</td><td>2</td><td>2</td><td>2</td></tr><tr><td>Z(-40℃)/Z(20℃)</td><td>10</td><td>8</td><td>6</td><td>4</td><td>4</td><td>4</td></tr></table> (120Hz)	定格電圧(Vdc) Rated Voltage	6.3	10	16	25	35	50	Z(-25℃)/Z(20℃)	4	3	3	2	2	2	Z(-40℃)/Z(20℃)	10	8	6	4	4	4
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◆寸法図 / DIMENSIONS (mm)



◆リプル電流補正係数 /
MULTIPLIER FOR RIPPLE CURRENT
周波数係数 Frequency coefficient

周波数(Hz) Frequency	60(50)	120	500	1k	10k≤
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

◆副記号 / OPTION

副記号 Code
PETスリーブ PET Sleeve EFC

◆標準品一覧表 / STANDARD SIZE

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

Vdc	Cap (μF)	Size (φD×L)	Rated Ripple Current
6.3	22	5×7	32
	33	5×7	40
	47	6.3×7	56
10	10	4×7	23
	22	5×7	35
	33	6.3×7	45
	47	6.3×7	65

Vdc	Cap (μF)	Size (φDxL)	Rated Ripple Current
16	4.7	4×7	18
	10	4×7	25
	22	6.3×7	45
	33	6.3×7	60
	47	6.3×7	65
25	3.3	4×7	15
	4.7	4×7	18
	10	6.3×7	35
	22	6.3×7	50

Vdc	Cap (μF)	Size (φDxL)	Rated Ripple Current
35	2.2	4×7	13
	3.3	5×7	19
	4.7	5×7	22
	10	6.3×7	37
50	0.33	4×7	3
	0.47	4×7	5
	1	4×7	10
	2.2	5×7	15
	3.3	5×7	19
	4.7	6.3×7	26

◆呼称方法 / PART NUMBER

□□□	NW7	□□□□□	M	□□□	□□	D×L
定格電圧 Rated Voltage	シリーズ名 Series	静電容量 Capacitance	静電容量許容差 Capacitance Tolerance	副記号 Option	リード加工記号 Lead Forming	ケースサイズ Case Size