

Bi-polar miniature standard (solvent proof)

HWN

Series

HWN ← mini NPDW

HWN series is suited to conditions where polarity reverses or where polarity is not constant.
Solvent proof (within 5 minutes).

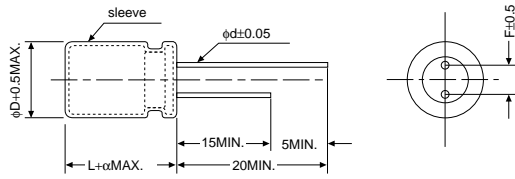


Specifications

Items		Specifications						
Rated voltage (V)		6.3	10	16	25	35	50	100
Operating temperature range (°C)		-40 to +85						
Capacitance tolerance (%)		±20 (120Hz)						
Tangent of loss angle (tan δ) (MAX.)		0.24	0.20	0.18	0.16	0.14	0.13	0.10
		0.02 to be added to the above value every time nominal capacitance exceeds 1000μF. (120Hz)						
Leakage current (L.C.)(μA/after 1min.)(MAX.)		0.03CV+6						
Impedance (120Hz) ratio at low temperature (MAX.)	Z _{-25°C} /Z _{20°C}	4	3	3	2	2	2	2
	Z _{-40°C} /Z _{20°C}	10	8	8	6	4	4	4
High-temperature load 500hrs. ×4 (alternately) 85°C, rated voltage	ΔC/C	Within ±25% of the initial value						
	tan δ	≤ Twice the initial standard						
	L.C.	≤ The initial standard						
Other characteristics		Conform to IEC 384-4						

Ripple current is shown on page 49.

Dimensions



A pressure relief vent is attached to products over φD=8
α: L<20 α=1.5 L≥20 α=2.0

(unit : mm)

φD	5	6.3	8	10	12.5	16	18
F	2.0	2.5	3.5	5.0	5.0	7.5	7.5
φd	0.5	0.5	0.6	0.6	0.6	0.8	0.8

Size List

(φD×Lmm)

μF \ V	6.3	10	16	25	35	50	100
0.47						5×11	5×11
1.0						5×11	5×11
2.2						5×11	5×11
3.3						5×11	6.3×11
4.7				5×11	5×11	5×11	6.3×11
10			5×11	5×11	5×11	6.3×11	8×12.5
22		5×11	5×11	5×11	6.3×11	6.3×11	10×16
33	5×11	5×11	5×11	6.3×11	6.3×11	8×11.5	10×20
47	5×11	5×11	6.3×11	6.3×11	8×11.5	10×12.5	12.5×20
100	6.3×11	6.3×11	8×11.5	8×12.5	10×12.5	10×20	16×25
220	8×11.5	8×12.5	10×12.5	10×16	10×20	12.5×25	18×35.5
330	8×11.5	10×12.5	10×16	10×20	12.5×20	16×25	
470	10×12.5	10×16	10×20	12.5×20	12.5×25	16×30	
1000	10×20	12.5×20	12.5×25	16×25	16×30		
2200	12.5×25	16×25	16×30	18×35.5			
3300	16×25	16×30	18×35.5				
4700	16×30	18×35.5					
6800	18×35.5						

Model No. 50MV1HWN

└─ 1μF, nominal capacitance
└─ 50V, rated voltage