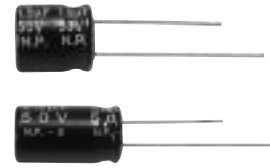


NPP-NPS

Series

Bi-polar for crossover networks

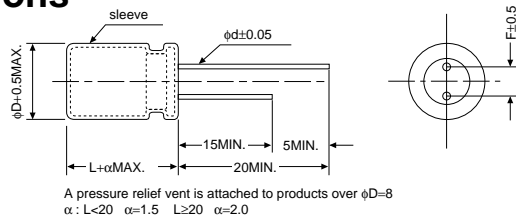
These series are ideal for dividing high, middle, and low frequency networks in hi-fi speaker systems. Frequency characteristics have been improved to transmit signals with less distortion. The NPS series is specially designed for low loss to withstand currents with large pulses.



Specifications

Items	Specifications	
Series	NPP	NPS
Rated voltage (V)	50	50
Operating temperature range (°C)	-40 to +85	
Capacitance tolerance (120Hz) (%)	±20	±10
Tangent of loss angle(tan δ)(MAX.)(120Hz)	0.10	0.05
Leakage current (L.C.)(μA/after 1min.)(MAX.)	0.03CV+6	
High-temperature load 500hrs. ×2 (alternately) 85°C, rated voltage	ΔC/C	Within ±20% of the initial value
	tan δ	≤ Twice the initial standard
	L.C.	≤ The initial standard
Other characteristics	Conform to IEC 384-4	

Dimensions



(unit : mm)

φD	8	10	12.5	16	18
F	3.5	5.0	5.0	7.5	7.5
φd	0.6	0.6	0.6	0.8	0.8

Size List

●NPP Series

(φD×Lmm)

μF	V	50	MAX. permissible current	
			mA r.m.s.	Frequency (Hz)
1.0		8×11.5	205	20k
1.5		10×12.5	245	13k
2.2		10×12.5	320	9k
3.3		10×12.5	400	6k
4.7		10×16	480	4.2k
6.8		10×16	540	2.9k
10		12.5×20	600	2k
15		12.5×25	660	1.3k
22		16×25	740	900
33		16×25	800	600
47		16×30	1020	420
68		18×41	1200	290

●NPP Series

(φD×Lmm)

μF	V	50	MAX. permissible current	
			mA r.m.s.	Frequency (Hz)
1.0		10×16	760	20k
1.5		12.5×20	800	13k
2.2		12.5×25	820	9k
3.3		16×25	850	6k
4.7		16×30	890	4.2k
6.8		16×35	920	2.9k
10		18×35.5	970	2k
15		18×41	1040	1.3k

Model No.

NPP series 50MV1NPP
 └── 1μF, nominal capacitance
 └── 50V, rated voltage

NPS series 50MV1NPS
 └── 1μF, nominal capacitance
 └── 50V, rated voltage