

樹脂外装メタライズドポリプロピレンフィルムコンデンサ

Resin Coated Metallized Polypropylene Film Capacitors

FPD-K4 SERIES

小型化品

- 高周波用小型化品
- 従来品に比べ、基板面積比約70～90%に小型化
- 許容電流は従来品と同等以上
使用温度 105 まで電圧軽減なし

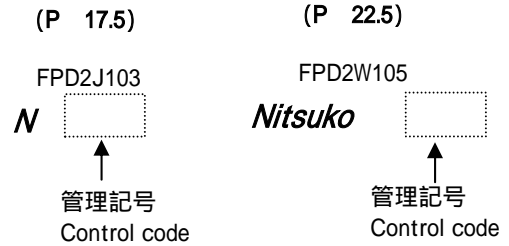
Miniature type

- Miniature type for high frequency.
- FPD-K4 series is 70～80% miniature of usual type.
- The permissible current is approx. same as usual type.
No necessary to reduce the Rated voltage (lower than 105)

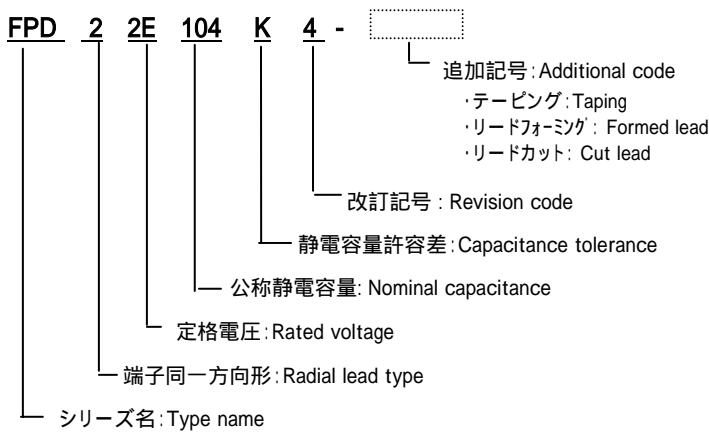
性能 / Performance

項目 / Item	性能 / Performance
使用温度範囲 Temperature range	- 40 ~ + 105
定格電圧範囲 Rated voltage (U_R)	250、450、630 V _{DC}
静電容量範囲 Capacitance range	0.01 ~ 10 μ F
静電容量許容差 Capacitance tolerance	$\pm 5\%$ (J)、 $\pm 10\%$ (K)
耐電圧 Withstanding voltage	端子相互間; $U_R \times 1.5(V_{DC})$ for 1 min. Between terminals 端子外装間; $U_R \times 2(V_{DC})$ for 1-5 sec. Between terminals and enclosure
絶縁抵抗 Insulation resistance (IR)	C 0.33 μ F : 30,000M C > 0.33 μ F : 10,000 \cdot F
誘電正接 tan	0.001 (1KHz)

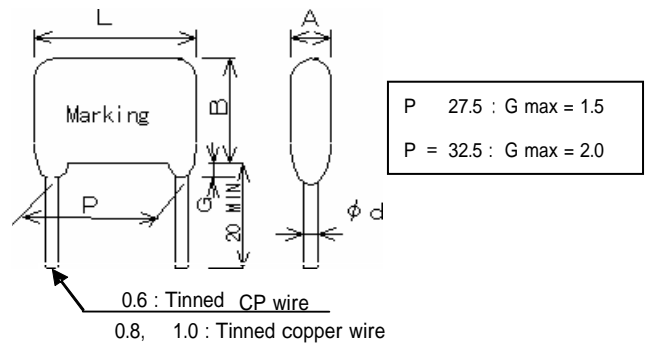
表示例 / Marking example



形名の構成例 / Type designation



外形図 / Component outline



樹脂外装メタライズドポリプロピレンフィルムコンデンサ

Resin Coated Metallized Polypropylene Film Capacitors

定格寸法表 (FPD-K4) / Standard dimensions (mm)

Part code	Rated voltage (V _{DC})	Capacitance (μF)	Tolerance (%)	A max	B max	L max	P ± 0.75	d	Permissible Current I _{op} (A)	Taping Pieces /Package
FPD22E103K4	250	0.01	± 10	4.5	9.5	13.0	10.0	0.6	1.6	1500
FPD22E153K4		0.015		4.9	9.8	13.0	10.0	0.6	2.0	1500
FPD22E223K4		0.022		4.7	9.6	13.0	10.0	0.6	2.5	1500
FPD22E333K4		0.033		4.1	9.0	13.0	10.0	0.6	2.9	1750
FPD22E473K4		0.047		4.7	9.6	13.0	10.0	0.6	4.0	1500
FPD22E683K4		0.068		4.7	9.6	13.0	10.0	0.6	4.8	1500
FPD22E104K4		0.1		5.5	10.4	13.0	10.0	0.6	7.0	1250
FPD22E154K4		0.15		6.0	14.0	13.0	10.0	0.6	7.9	1000
FPD22E224K4		0.22		6.0	12.0	15.5	12.5	0.8	6.5	500
FPD22E334K4		0.33		7.0	13.0	15.5	12.5	0.8	9.8	500
FPD22E474K4		0.47		6.5	12.5	20.5	17.5	0.8	8.7	不可 NONE
FPD22E684K4		0.68		7.5	14.0	20.5	17.5	0.8	12.6	
FPD22E105K4		1.0		9.0	15.5	20.5	17.5	0.8	18.6	
FPD22E155K4		1.5		11.0	17.5	20.5	17.5	0.8	27.9	
FPD22E225K4		2.2		10.5	19.5	25.5	22.5	0.8	29.7	
FPD22E335K4		3.3		12.0	24.0	25.5	22.5	0.8	44.6	
FPD22E475K4		4.7		12.5	25.0	31.0	27.5	0.8	50.0	
FPD22E685K4		6.8		16.0	28.0	31.0	27.5	0.8	72.3	
FPD22E106K4		10		18.0	30.0	37.0	32.5	1.0	90.8	
FPD22W103K4		450		0.01	± 10	4.5	9.5	13.0	10.0	
FPD22W153K4	0.015		4.9	9.8		13.0	10.0	0.6	2.0	1500
FPD22W223K4	0.022		4.7	9.6		13.0	10.0	0.6	2.5	1500
FPD22W333K4	0.033		4.1	9.0		13.0	10.0	0.6	2.9	1750
FPD22W473K4	0.047		4.7	9.6		13.0	10.0	0.6	4.0	1500
FPD22W683K4	0.068		5.8	11.0		13.0	10.0	0.6	4.3	1250
FPD22W104K4	0.1		6.0	11.5		15.5	12.5	0.8	4.4	500
FPD22W154K4	0.15		7.0	12.5		15.5	12.5	0.8	6.7	500
FPD22W224K4	0.22		8.0	14.5		15.5	12.5	0.8	9.8	400
FPD22W334K4	0.33		8.8	18.0		15.5	12.5	0.8	14.7	400
FPD22W474K4	0.47		9.5	16.0		20.5	17.5	0.8	13.1	不可 NONE
FPD22W684K4	0.68		11.0	17.5		20.5	17.5	0.8	18.9	
FPD22W105K4	1.0		11.0	19.0		25.5	22.5	0.8	20.3	
FPD22W155K4	1.5		12.0	24.0		25.5	22.5	0.8	30.4	
FPD22W225K4	2.2		16.5	25.0		25.5	22.5	0.8	44.6	
FPD22W335K4	3.3		15.0	27.5		37.0	32.5	1.0	44.9	
FPD22J103K4	630	0.01	± 10	4.5	9.5	13.0	10.0	0.6	1.6	1500
FPD22J153K4		0.015		4.9	9.8	13.0	10.0	0.6	2.0	1500
FPD22J223K4		0.022		5.8	11.5	13.0	10.0	0.6	2.8	1250
FPD22J333K4		0.033		5.5	10.5	15.5	12.5	0.8	2.5	600
FPD22J473K4		0.047		6.5	12.0	15.5	12.5	0.8	3.6	500
FPD22J683K4		0.068		7.5	13.0	15.5	12.5	0.8	5.1	400
FPD22J104K4		0.1		8.0	16.5	15.5	12.5	0.8	7.6	400
FPD22J154K4		0.15		10.5	17.5	15.5	12.5	0.8	11.3	不可 NONE
FPD22J224K4		0.22		10.0	17.0	20.5	17.5	0.8	9.9	
FPD22J334K4		0.33		9.5	18.5	25.5	22.5	0.8	10.6	
FPD22J474K4		0.47		11.0	20.0	25.5	22.5	0.8	15.1	
FPD22J684K4		0.68		13.0	24.0	25.5	22.5	0.8	21.9	
FPD22J105K4		1.0		14.0	25.5	31.0	27.5	0.8	25.0	
FPD22J155K4		1.5		16.0	28.0	37.0	32.5	1.0	31.8	
FPD22J225K4		2.2		19.0	31.0	37.0	32.5	1.0	46.7	

↳ * 静電容量許容差 J (±5%)品も製作いたします。 / Capacitance tolerance J (±5%) is also available