

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 Metalized Polypropylene Film Capacitors

FPS SERIES

アクティブフィルター回路用、低振動音品

- 基板上の面積が小さく、機器小型化設計に適しています。
- 低振動音
- 誘電体にメタライズドポリプロピレンフィルムを用いた、無誘導巻き構造
- 難燃性エポキシ樹脂外装 (UL 94V-0)

Miniature type for PFC, Low Vibratory sound

- FPS series is well-suited for Miniaturization of equipment.
- Low Vibratory sound
- This series has non-inductive construction of metalized polypropylene film.
- Flame retardant epoxy resin (UL94V-0) coating type

性能 Performance

項目 Item	性能 Performance
使用温度範囲 Temperature range	-40~+85°C (+105°C) +85°Cを超える時は電圧軽減必要 Derate the operating voltage if operating temperature is higher than +85°C.
定格電圧範囲 Rated Voltage (U _R)	450V _{DC}
静電容量範囲 Capacitance range	0.47 ~ 2.2 μF
静電容量許容差 Capacitance tolerance	±10%(K)
耐電圧 Withstanding voltage	端子相互間 : U _R × 1.6(V _{DC}) for 1min Between terminals : 端子外装間 : U _R × 2(V _{DC}) for 1~5sec Between terminals and enclosure :
絶縁抵抗 Insulation resistance (IR)	≥ 10000 Ω·F (100 V _{DC} for 1min)
誘電正接 tan δ	≤ 0.001 (1kHz)

表示例 Marking example

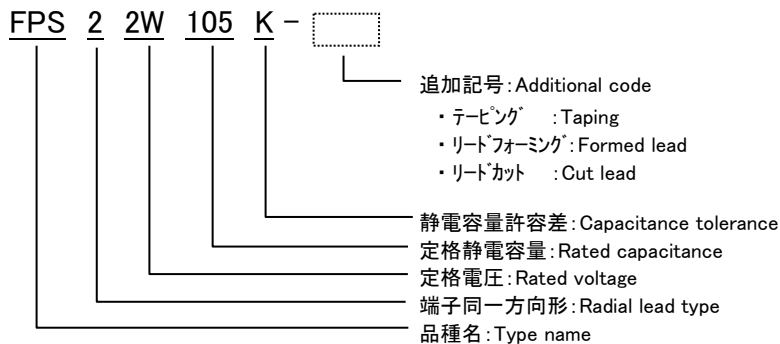
P = 10.0, 15.0 P = 22.5

FPS2W105 FPS2W225

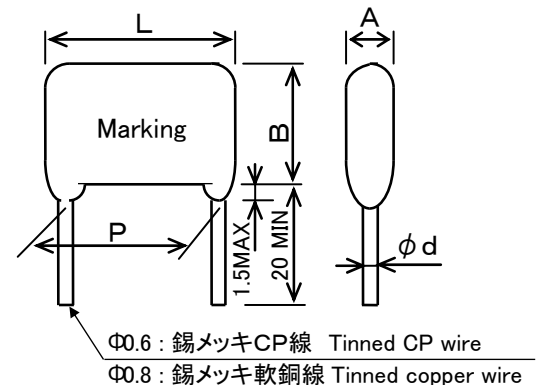
N Nitsuko

 : 管理記号
Control code

形名の構成例 Type designation



外形図 Component outline



定格寸法表 (FPS) Standard dimensions (mm)

Part cord	Rated voltage (V _{DC})	Capacitance (μF)	Tolerance (%)	A max	B max	L max	P ±0.75	φd	Permissible current	Taping PCS/Package
									I _{op} (A)	
FPS22W474K	450	0.47	±10	7.0	15.5	13.0	10.0	0.6	11.5	400
FPS22W684K		0.68		6.5	14.8	18.0	15.0	0.8	9.3	500
FPS22W105K		1.0		7.5	16.3	18.0	15.0	0.8	13.7	400
FPS22W155K		1.5		7.8	16.0	25.5	22.5	0.8	12.8	No Taping
FPS22W225K		2.2		8.8	18.8	25.5	22.5	0.8	18.7	

周波数別許容実効電流値
Permissible current vs. Frequency
FPS 450VDC

