

Type WMC Polyester Film/Foil Capacitors

Axial Lead, Miniature Size for Automatic Insertion



Type WMC axial-leaded polyester film/foil capacitors are ideal for automatic insertion in printed circuit boards. It is an ultraminiature version of Type WMF and the sections of these non-inductive capacitors are constructed with extended foil, polyester film, with tinned copper-clad steel leads.

Highlights

- Miniature Size
- Available on tape and reel
- Film/foil construction, non-inductive design
- High dV/dt ratings
- Good for high pulse applications

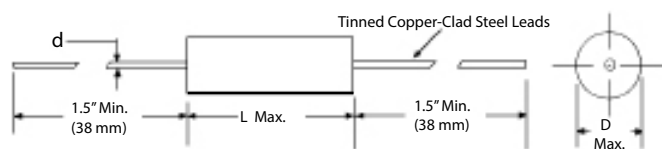
Specifications



Complies with the EU Directive 2002/95/EC requirement restricting the use of Lead (Pb), Mercury (Hg), Cadmium (Cd), Hexavalent chromium (Cr(VI)), PolyBrominated Biphenyls (PBB) and PolyBrominated Diphenyl Ethers (PBDE).

Capacitance Range:	.001 μ F to .47 μ F
Voltage Range:	80 to 400 Vdc
Capacitance Tolerance:	$\pm 10\%$ standard, $\pm 5\%$ optional
Temperature Range:	-55 to $+125$ $^{\circ}$ C (Full-rated voltage at 85 $^{\circ}$ C—Derate linearly to 50%-rated voltage at 125 $^{\circ}$ C)
Dielectric Strength:	250% of rated voltage for 1 minute
Dissipation Factor:	.75% Max. (25 $^{\circ}$ C, 1 kHz)
Insulation Resistance:	30,000 $M\Omega \times \mu$ F, 100,000 $M\Omega$ Min.
Life Test:	250 hours at 85 $^{\circ}$ C at 125% rated voltage

Outline Drawing



Lead Diameters:

No. 24 AWG to .282" (6.35mm) diameter

No. 22 AWG .283" (6.38mm) diameter and up

NOTE: Other capacitance values, sizes and performance specifications are available. Contact us.

Pulse Ratings

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Cap (μF)	Catalog Part Number	D Inches (mm)	L Inches (mm)	d Inches (mm)
80 Vdc				
0.010	WMC08S1K-F	.185 (4.7)	.406 (10.3)	.020 (.5)
0.012	WMC08S12K-F	.185 (4.7)	.468 (11.9)	.020 (.5)
0.015	WMC08S15K-F	.185 (4.7)	.468 (11.9)	.020 (.5)
0.018	WMC08S18K-F	.185 (4.7)	.531 (13.5)	.020 (.5)
0.022	WMC08S22K-F	.185 (4.7)	.531 (13.5)	.020 (.5)
0.027	WMC08S27K-F	.229 (5.8)	.468 (11.9)	.020 (.5)
0.033	WMC08S33K-F	.229 (5.8)	.468 (11.9)	.020 (.5)
0.039	WMC08S39K-F	.229 (5.8)	.593 (15.1)	.020 (.5)
0.047	WMC08S47K-F	.229 (5.8)	.593 (15.1)	.020 (.5)
0.056	WMC08S56K-F	.250 (6.3)	.593 (15.1)	.020 (.5)
0.068	WMC08S68K-F	.250 (6.3)	.593 (15.1)	.020 (.5)
0.082	WMC08S82K-F	.343 (8.7)	.531 (13.5)	.024 (.6)
0.10	WMC08P1K-F	.343 (8.7)	.531 (13.5)	.024 (.6)
0.12	WMC08P12K-F	.343 (8.7)	.656 (16.7)	.024 (.6)
0.15	WMC08P15K-F	.343 (8.7)	.656 (16.7)	.024 (.6)
0.18	WMC08P18K-F	.382 (9.7)	.656 (16.7)	.024 (.6)
0.22	WMC08P22K-F	.382 (9.7)	.656 (16.7)	.024 (.6)
0.27	WMC08P27K-F	.382 (9.7)	.905 (23.0)	.024 (.6)
0.33	WMC08P33K-F	.382 (9.7)	.905 (23.0)	.024 (.6)
0.39	WMC08P39K-F	.382 (9.7)	1.218 (30.9)	.024 (.6)
0.47	WMC08P47K-F	.382 (9.7)	1.218 (30.9)	.024 (.6)
200/250 Vdc				
0.0010	WMC2D1K-F	.185 (4.7)	.406 (	

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С конца 2013 года компания активно расширяет линейку поставок компонентов по направлению коаксиальный кабель, кварцевые генераторы и конденсаторы (керамические, пленочные, электролитические), за счёт заключения дистрибьюторских договоров

Мы предлагаем:

- Конкурентоспособные цены и скидки постоянным клиентам.
- Специальные условия для постоянных клиентов.
- Подбор аналогов.
- Поставку компонентов в любых объемах, удовлетворяющих вашим потребностям.
- Приемлемые сроки поставки, возможна ускоренная поставка.
- Доставку товара в любую точку России и стран СНГ.
- Комплексную поставку.
- Работу по проектам и поставку образцов.
- Формирование склада под заказчика.
- Сертификаты соответствия на поставляемую продукцию (по желанию клиента).
- Тестирование поставляемой продукции.
- Поставку компонентов, требующих военную и космическую приемку.
- Входной контроль качества.
- Наличие сертификата ISO.

В составе нашей компании организован Конструкторский отдел, призванный помогать разработчикам, и инженерам.

Конструкторский отдел помогает осуществить:

- Регистрацию проекта у производителя компонентов.
- Техническую поддержку проекта.
- Защиту от снятия компонента с производства.
- Оценку стоимости проекта по компонентам.
- Изготовление тестовой платы монтаж и пусконаладочные работы.

