



# MELF Resistors

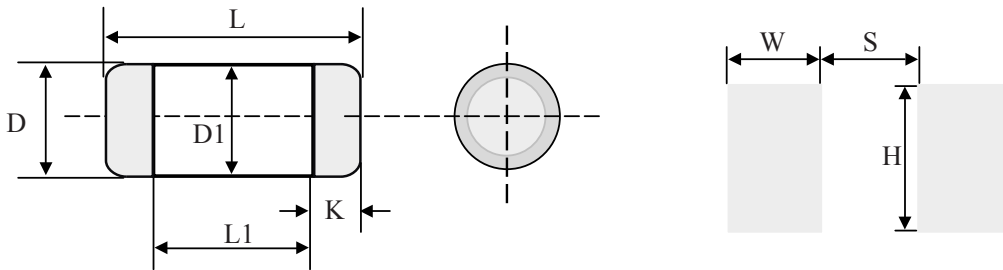
## RFM series - MELF non-inductance High frequency Resistors / 表面贴装高频无感电阻器

### ► Features

- Non-inductance.
- High frequency.
- Resistance range: 25Ω to 200Ω.
- Tolerance range: ±0.5% to ±5.0%.
- Power dissipation rating at 70°C up to 0.75W.
- Small size.



### ► Quick Reference Data



Type		RFM72	RFM73	RFM74	RFM75
Metric sizes		DIN: 0102	DIN: 0204	DIN: 0207	DIN: 0207
Resistance range		25Ω ~ 200Ω			
Operating Temperature range		-55°C ~ 125°C			
Resistance Tolerance (%)		D(±0.5); F(±1.0); J(±5.0)			
Temperature coefficient (PPM/°C)		C2(±50); C3(±25); C5(±15); C6(±10)			
Rated dissipation (W) P <sub>70</sub>		0.125	0.25	0.5	0.75
Operating mode		standard	standard	standard	power
Climatic category (LCT/UCT/days)		55/125/56	55/125/56	55/155/56	55/155/56
Dimension (mm)	L±0.2	2.2	3.45	5.7	6.0
	L1±0.2	1.2	1.6	3.0	3.3
	D±0.2	1.3	1.3	2.1	2.1
	K±0.1	0.4	0.8 min	1.2 min	1.2 min
	D1±0.1	D+0/D-0.15	D+0/D-0.25	D+0/D-0.3	D+0/D-0.3
Soldering bath (recommended) (mm)	S	1.0	1.6	2.6	2.8
	W	2.0	2.0	2.5	2.5
	H	2.0	2.5	2.5	2.5
Endurance, Max, resistance change at P <sub>70</sub> , ΔR/R max., after 1000h		≤0.5% for Tol.=±1% & ≤1% for Tol.=±5%			
Derating		standard type linear from 70°C to 125°C			
Insulation voltage		500V			
Insulation resistance		>1GΩ			





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## ► How to Order



① Product type: RFM72, RFM73, RFM74, RFM75

② Resistance Value ( $\Omega$ ): 25 ~ 200

③ Resistance Tolerance (%)

Code	Resistance Tolerance (%)
D	$\pm 0.5$
F	$\pm 1.0$
J	$\pm 5.0$

④ Temperature coefficient (PPM/ $^{\circ}$ C)

Code	Temperature coefficient (PPM/ $^{\circ}$ C)
C2	$\pm 50$
C3	$\pm 25$
C5	$\pm 15$
C6	$\pm 10$

⑤ Packaging

Code	Packaging
T	Taping Reel
P	Bulk