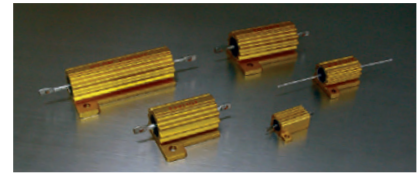
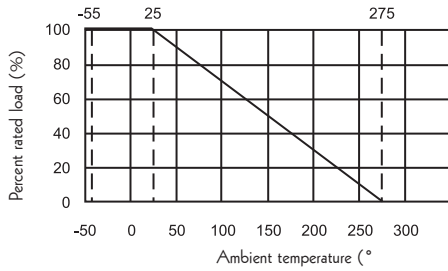


Feature

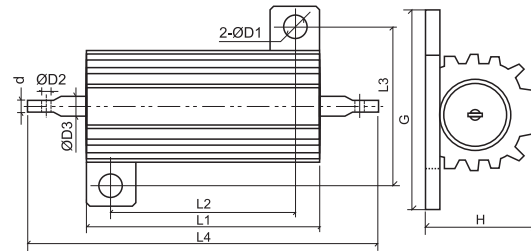
- With Metal Shell for a good heat dissipation, suitable for board mount
- Thin & lightweight body with big power rating
- Low inductance
- Application: Power Supply, Adapter, Machine



Derating Curve



Dimension



Part No.	Type	L1±0.5	L2±0.5	L3±0.5	L4±1.0	H±0.5	G±0.5	ØD1±0.5	ØD2±0.2	ØD3±0.05	d±0.2	Tolerance	Resistance Range
PDM05W	PDM 5W	15.5	11.0	12.0	32.5	8.0	16	2	1.3	1.5	0.3		0.01Ω~1.8KΩ
PDM0AW	PDM 10W	20.5	15.2	17.2	40.5	12.2	22.3	2.5	2.0	2.0	0.8		0.05Ω~5KΩ
PDM025	PDM 25W	27.5	18.2	20.2	45.5	16.3	30.3	3.0	2.0	2.0	0.8	±5%	0.05Ω~12KΩ
PDM035	PDM 35W	34.5	24.2	20.2	56.5	16.3	30.3	3.0	2.0	2.0	0.8		0.05Ω~15KΩ
PDM050	PDM 50W	50.5	40.2	20.2	78.5	16.3	30.3	3.0	2.0	2.0	0.8		0.05Ω~35KΩ

Performance Specification

Temperature coefficient	<20Ω: ±400PPM/°C; ≥20Ω: ±350PPM/°C
Short-time overload	ΔR/R ≤ ±(5%+0.05Ω), with no evidence of mechanical damage
Dielectric withstanding voltage	No evidence of flashover, mechanical damage, arcing or insulation breakdown
Terminal strength	No evidence of mechanical damage
Resistance to soldering heat	ΔR/R ≤ ±(1%+0.05Ω), with no evidence of mechanical damage
Solderability	Min. 95% coverage
Temperature cycling	ΔR/R ≤ ±(2%+0.05Ω), with no evidence of mechanical damage
Humidity (Steady State)	ΔR/R ≤ ±(5%+0.05Ω), with no evidence of mechanical damage
Load life	ΔR/R ≤ ±(5%+0.05Ω)

Ordering Procedure (Example: PDM 25W 5% 10Ω B/B)

