



Mag Layers USA

MMD Series Molded Power Inductors

Mag Layers' molded power inductors have a magnetic metal powder core and internal wire coil in a shielded construction for DC/DC applications and power supplies

Mag Layers' MMD series of inductors offer heights from 1 mm to 8 mm in inductance values from 0.047 μ H to 47 μ H. They are produced on state-of-the-art automated manufacturing lines utilizing 2nd generation automotive-grade robotics. These shielded power inductors feature soft saturating core materials in consumer, industrial, and automotive grades. They are offered in operating temperature ranges from -40°C to +85°C up to -55°C to +165°C. Typical usages include laptops, desktops, server power, high current power supplies, battery-powered devices, and PMIC applications. MMD series inductors are RoHS and REACH compliant, halogen-free, and offer low resistance and high current ratings. Mag Layers USA offers sizes from 4 mm x 4 mm to 17 mm x 17 mm.



Markets




















- Telcom
- Medical
- Industrial
- Automotive
- Consum

Applications

- Laptop,
- Desktop,
- server power
- High current power supplies
- Battery-powered devices
- Shielded design
- Soft saturating core material
- Low resistance
- High current
- High saturation current

Features

- No conflict minerals
- REACH compliant
- RoHS compliant
- Halogen-free
- Magnetic powder core
- Shielded design
- Soft Saturated Core Material
- High Current
- High Saturation Current

Image	Mfr#	Description	Digikey Inventory
	MMD-04AB-1R0M-V1-RU	FIXED IND 1UH 4A 52.5 MOHM SMD	View Details
	MMD-04BZ-1R0M-V1-RU	FIXED IND 1UH 3.75A 37 MOHM SMD	View Details
	MMD-04BZ-R22M-V1-RU	FIXED IND 220NH 13A 8 MOHM SMD	View Details
	MMD-05CZ-3R3M-M2-RU	FIXED IND 3.3UH 5A 38 MOHM SMD	View Details
	MMD-06CZ-100M-V1-RU	FIXED IND 10UH 3A 105 MOHM SMD	View Details
	MMD-06CZ-1R0M-V1-RU	FIXED IND 1UH 11A 10 MOHM SMD	View Details
	MMD-06CZ-3R3M-V1-RU	FIXED IND 3.3UH 6A 30 MOHM SMD	View Details
	MMD-06CZ-8R2M-V1-RU	FIXED IND 8.2UH 4A 68 MOHM SMD	View Details
	MMD-06CZ-R22M-V1-RU	FIXED IND 220NH 23A 2.8 MOHM SMD	View Details
	MMD-06EZ-1R0M-V1-RU	FIXED IND 1UH 13A 6.5 MOHM SMD	View Details
	MMD-06EZ-4R7M-V1-RU	FIX IND 4.7UH 6.5A 30.3 MOHM SMD	View Detail
	MMD-06EZ-R15M-M1-RU	FIXED IND 150NH 28A 0.88 MOHM SM	View Details
	MMD-08CZ-R22M-V1-RU	FIXED IND 220NH 32A 1.61MOHM SMD	View Details
	MMD-10DZ-1R0M-V1-RU	FIXED IND 1UH 17.5A 4.1 MOHM SMD	View Details
	MMD-10DZ-R45M-X1-RU	FIXED IND 450NH 25A 1.3 MOHM SMD	View Details
	MMD-10EE-1R0M-M1-RU	FIXED IND 1UH 25A 2.2 MOHM SMD	View Details
	MMD-12EZ-1R0M-V1-RU	FIXED IND 1UH 29A 2.5 MOHM SMD	View Details
	MMD-12FD-1R0M-V1-RU	FIXED IND 1UH 32A 2 MOHM SMD	View Details
	MMD-12FD-R15M-V1-RU	FIXED IND 150NH 55A 600 UOHM SMD	View Details