

# Choke CDRH74

## Product codes:

Reference: AM7487

EAN13: -

UPC: 85411000



## Product features:

Tolerance: 20%

## Product attributes:

Inductance: 10 uH, 220 uH, 47 uH, 4,7 uH, 1000 uH, 470 uH, 680 - 681 uH

## Product description:

### SMD power choke CDRH74

The CDRH74 series SMD power choke is designed for switching power supplies, DC/DC converters and filter circuits. The shielded design with ferrite core ensures low electromagnetic interference, high current carrying capacity and stable parameters in a wide range of inductances.

#### Technical specifications

- Construction: shielded power choke
- Mounting: SMD
- Dimensions: 7.5 × 7.5 × 4.5 mm
- Weight: 1.6g
- Inductance tolerance: ±20%
- Test frequency: 100 kHz / 0.3 V
- Operating temperature: -40 °C to +85 °C
- Storage temperature: -55 °C to +125 °C
- Insulation resistance: 100 MΩ
- Protection: IP00

#### Overview of available CDRH74 variants

Designation	Inductance (μH)	DC resistance (Ω) max.	Saturation current Isat (A)	Rated current Irms (A)
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M	CDRH74-1R0 1	0.017	8.0	5.0
M	CDRH74-2R2 2.2	0.024	6.0	4.0
M	CDRH74-3R3 3.3	0.030	4.8	3.5
M	CDRH74-4R7 4.7	0.040	4.2	3.1
M	CDRH74-6R8 6.8	0.050	2.8	2.2
M	CDRH74-100 10	0.065	2.5	1.84
M	CDRH74-150 15	0.090	2.0	1.47
M	CDRH74-220 22	0.130	1.8	1.23
M	CDRH74-330 33	0.160	1.5	0.96
M	CDRH74-470 47	0.230	1.3	0.88
M	CDRH74-560 56	0.250	1.2	0.8
M	CDRH74-680 68	0.310	1.1	0.7
M	CDRH74-101 100	0.430	0.9	0.6
M	CDRH74-121 120	0.600	0.8	0.5
M	CDRH74-151 150	0.700	0.7	0.46
M	CDRH74-221 220	0.950	0.5	0.35
M	CDRH74-331 330	1,350	0.4	0.32
M	CDRH74-471 470	2,200	0.35	0.26
M	CDRH74-681 680	2,700	0.3	0.2
M	CDRH74-102 1000	4,300	0.28	0.18
M	CDRH74-152 1500	4,500	0.1	0.1

**Functions and features**

- Shielded design to reduce EMI
  - Low DC winding resistance
  - High saturation current resistance
  - Suitable for high-frequency switching circuits
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## Ideal for

- DC/DC converters
- Switching power supplies
- LED drivers
- Filtering and smoothing circuits

## Package contents

- 1× SMD power choke CDRH74

## Why choose this product?

- Complete range of inductors in one package
- Technical parameters directly according to the production datasheet
- High reliability and mechanical resistance

## Product gallery:

