

### FEATURES

- Low DCR, high rated current.
- Magnetic shielded structure.
- Operating temperature: -40°C ~ +105°C.



### APPLICATIONS

- Suppression of common mode noise.
- Power supply system.
- Data lines

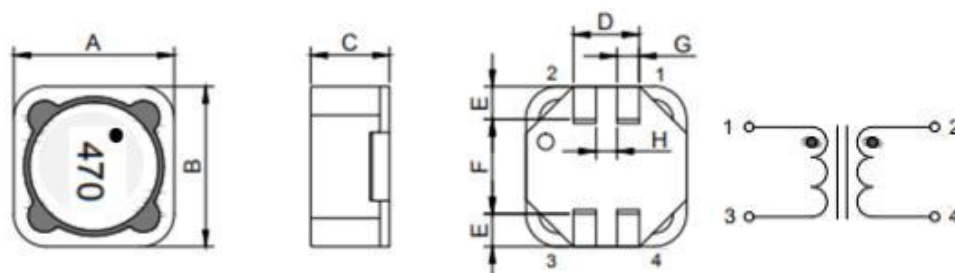
### PRODUCT IDENTIFICATION

CMRH 74 S 5R6 T

(1)    (2) (3) (4) (5)

- (1) 系列名称 Series name
- (2) 产品尺寸 Product dimensions
- (3) 特性类别 Feature Type
- (4) 感量 Inductance Value (1R0:1.0uH, 100:10μH, 101:100μH)
- (5) 包装 Package(T:Tape&Reel 卷盘编带)

### SHAPE AND DIMENSIONS



Series	A	B	C	D	E	F	G	H
CMRH74	7.3±0.2	7.3±0.2	4.6 Max.	2.7 Typ.	0.7 Typ.	4.5 Typ.	0.7 Typ.	/
CMRH125	12.2±0.3	12.2±0.3	6.5 Max.	5.0 Typ.	2.5 Typ.	7.0 Typ.	1.7 Typ.	1.6 Typ.
CMRH127	12.2±0.3	12.2±0.3	8.5 Max.	5.0 Typ.	2.5 Typ.	7.0 Typ.	1.7 Typ.	1.6 Typ.

Unit:mm

## SPECIFICATIONS

### CMRH74 Series

Part Number	Inductance ( $\mu\text{H}@100\text{KHz}$ )	Tolerance ( $\pm\%$ )	DCR Max. ( $\Omega$ )	Isat Max. (A)	Irms Max. (A)
CMRH74S2R5T	2.5	20	0.033	6.20	3.06
CMRH74S3R3T	3.3	20	0.037	5.30	2.89
CMRH74S4R7T	4.7	20	0.051	4.30	2.46
CMRH74S5R6T	5.6	20	0.063	4.10	2.22
CMRH74S6R8T	6.8	20	0.070	3.80	2.10
CMRH74S8R2T	8.2	20	0.075	3.40	2.03
CMRH74S100T	10	20	0.10	2.90	1.76
CMRH74S120T	12	20	0.12	2.60	1.61
CMRH74S150T	15	20	0.13	2.30	1.54
CMRH74S180T	18	20	0.17	2.20	1.35
CMRH74S220T	22	20	0.22	2.00	1.19
CMRH74S270T	27	20	0.25	1.80	1.11
CMRH74S330T	33	20	0.27	1.60	1.07
CMRH74S390T	39	20	0.38	1.40	0.90
CMRH74S470T	47	20	0.42	1.30	0.86
CMRH74S560T	56	20	0.46	1.20	0.82
CMRH74S680T	68	20	0.60	1.10	0.72
CMRH74S820T	82	20	0.68	1.00	0.67
CMRH74S101T	100	20	0.77	0.92	0.63
CMRH74S121T	120	20	1.03	0.80	0.55
CMRH74S151T	150	20	1.35	0.76	0.48
CMRH74S181T	180	20	1.52	0.66	0.45
CMRH74S221T	220	20	1.72	0.62	0.42
CMRH74S271T	270	20	2.41	0.57	0.36
CMRH74S331T	330	20	2.70	0.52	0.34
CMRH74S391T	390	20	3.05	0.47	0.32
CMRH74S471T	470	20	4.00	0.43	0.28
CMRH74S561T	560	20	4.43	0.40	0.26
CMRH74S681T	680	20	5.00	0.37	0.25
CMRH74S821T	820	20	6.80	0.32	0.21
CMRH74S102T	1000	20	7.80	0.29	0.20

**CMRH125 Series**

Part Number	Inductance ( $\mu\text{H}@100\text{KHz}$ )	Tolerance ( $\pm\%$ )	DCR Max. ( $\text{m}\Omega$ )	Isat Max. (A)	Irms Max. (A)
CMRH125S4R7T	4.7	20	28	7.5	2.8
CMRH125S6R8T	6.8	20	40	6.0	2.5
CMRH125S100T	10	20	50	5.5	1.9
CMRH125S220T	22	20	90	2.5	1.7
CMRH125S330T	33	20	170	2.3	1.2
CMRH125S470T	47	20	180	2.0	1.1
CMRH125S101T	100	20	360	1.5	0.9

**CMRH127 Series**

Part Number	Inductance ( $\mu\text{H}@100\text{KHz}$ )	Tolerance ( $\pm\%$ )	DCR Max. ( $\text{m}\Omega$ )	Isat Max. (A)	Irms Max. (A)
CMRH127S1R5T	1.5	30	16	15.5	8.1
CMRH127S2R5T	2.5	30	18	14.0	7.3
CMRH127S3R3T	3.3	20	21	11.0	6.5
CMRH127S4R7T	4.7	20	30	9.0	3.2
CMRH127S6R8T	6.8	20	35	7.0	2.8
CMRH127S100T	10	20	44	6.0	2.4
CMRH127S220T	22	20	80	4.7	2.1
CMRH127S330T	33	20	130	3.5	1.5
CMRH127S470T	47	20	150	2.8	1.2
CMRH127S680T	68	20	215	2.3	1.0
CMRH127S101T	100	20	300	1.7	0.9
CMRH127S151T	150	20	400	1.3	0.8
CMRH127S221T	220	20	650	1.0	0.7
CMRH127S471T	470	20	1200	0.8	0.6

**Note:**

Isat: DC current at which the inductance drops approximate 30% from its value without current.

Irms: DC current that causes the temperature rise( $\Delta T=40^{\circ}\text{C}$ ) from  $25^{\circ}\text{C}$  ambient.