

GVCDRH74 Series

From 10 μH to 1,000 μH



CHARACTERISTICS

Description: SMD (shielded) power inductor

Applications: Power supplies for VTR, OA equipment, LCD televisions, PC notebooks, portable communication equipment, DC/DC converters, etc.

Operating Temperature: -25°C to +80°C

Inductance Tolerance: $\pm 5\%$, $\pm 10\%$, $\pm 15\%$, $\pm 20\%$, $\pm 30\%$

Testing: Inductance is tested on an HP4284A at 1.0 kHz

Packaging: Tape & Reel

Marking: Parts are marked with inductance code

Miscellaneous: RoHS Compliant available. Magnetically shielded

Additional Information: Additional electrical & physical information available upon request

Samples available. See website for ordering information.

SPECIFICATIONS

Please specify tolerance code when ordering.
 GVCDRH74-100_ ← J = $\pm 5\%$, K = $\pm 10\%$ L = $\pm 15\%$
 M = $\pm 20\%$, N = $\pm 30\%$
 GVCDRH74F Please specify "F" for RoHS Compliant

Part Number	Inductance (μH)	L Test Freq. (kHz)	DCR Max. (Ω)	IDC Max. (A)
GVCDRH74_100_	10	1.0	.05	1.9
GVCDRH74_120_	12	1.0	.06	1.7
GVCDRH74_150_	15	1.0	.08	1.5
GVCDRH74_180_	18	1.0	.09	1.3
GVCDRH74_220_	22	1.0	.11	1.2
GVCDRH74_270_	27	1.0	.15	1.1
GVCDRH74_330_	33	1.0	.17	.96
GVCDRH74_390_	39	1.0	.23	.91
GVCDRH74_470_	47	1.0	.26	.88
GVCDRH74_560_	56	1.0	.35	.75
GVCDRH74_680_	68	1.0	.38	.69
GVCDRH74_820_	82	1.0	.43	.61
GVCDRH74_101_	100	1.0	.61	.60
GVCDRH74_121_	120	1.0	.66	.52
GVCDRH74_151_	150	1.0	.88	.46
GVCDRH74_181_	180	1.0	.98	.42
GVCDRH74_221_	220	1.0	1.2	.36
GVCDRH74_271_	270	1.0	1.6	.34
GVCDRH74_331_	330	1.0	1.9	.32
GVCDRH74_391_	390	1.0	2.9	.29
GVCDRH74_471_	470	1.0	3.0	.26
GVCDRH74_561_	560	1.0	3.6	.23
GVCDRH74_681_	680	1.0	4.6	.22
GVCDRH74_821_	820	1.0	5.2	.20
GVCDRH74_102_	1000	1.0	6.0	.18

PHYSICAL DIMENSIONS

Size	A	B	C Max.	D	E	F
mm	7.3 \pm 0.5	7.3 \pm 0.5	4.5	1.8 \pm 0.5	5.4 \pm 0.5	7.2 \pm 0.5
inches	0.3 \pm 0.02	0.3 \pm 0.02	0.18	0.07 \pm 0.02	0.21 \pm 0.02	0.28 \pm 0.02

