

GVCDRH74B 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: -40°C to +85°C

Inductance Tolerance: $\pm 20\%$

Testing: Inductance is tested on an HP4284A at 1.0 kHz

Packaging: Tape & Reel

Marking: Parts are marked with inductance code

Miscellaneous: Magnetically shielded

Miscellaneous: RoHS Compliant available

Additional Information: Additional electrical & physical information available upon request

Samples available. See website for ordering information.

SPECIFICATIONS

Parts are available in $\pm 20\%$ tolerance only.

GVCDRH74BF Please specify "F" for RoHS Compliant

Part Number	Inductance (μH)	L Test Freq. (kHz)	DCR Max. (Ω)	IDC Max. (A)
GVCDRH74B_-100M	10	1.0	.05	1.9
GVCDRH74B_-120M	12	1.0	.06	1.7
GVCDRH74B_-150M	15	1.0	.08	1.5
GVCDRH74B_-180M	18	1.0	.09	1.3
GVCDRH74B_-220M	22	1.0	.11	1.2
GVCDRH74B_-270M	27	1.0	.15	1.1
GVCDRH74B_-330M	33	1.0	.17	.96
GVCDRH74B_-390M	39	1.0	.23	.91
GVCDRH74B_-470M	47	1.0	.26	.88
GVCDRH74B_-560M	56	1.0	.35	.75
GVCDRH74B_-680M	68	1.0	.38	.69
GVCDRH74B_-820M	82	1.0	.43	.61
GVCDRH74B_-101M	100	1.0	.61	.60
GVCDRH74B_-121M	120	1.0	.66	.52
GVCDRH74B_-151M	150	1.0	.88	.46
GVCDRH74B_-181M	180	1.0	.98	.42
GVCDRH74B_-221M	220	1.0	1.2	.36
GVCDRH74B_-271M	270	1.0	1.6	.34
GVCDRH74B_-331M	330	1.0	1.9	.32
GVCDRH74B_-391M	390	1.0	2.9	.29
GVCDRH74B_-471M	470	1.0	3.0	.26
GVCDRH74B_-561M	560	1.0	3.6	.23
GVCDRH74B_-681M	680	1.0	4.6	.22
GVCDRH74B_-821M	820	1.0	5.2	.20
GVCDRH74B_-102M	1000	1.0	6.0	.18

PHYSICAL DIMENSIONS

Size	A Max.	B Max.	C Max.	D	E
mm	7.5	7.5	4.5	2.7 \pm 0.2	5.1 \pm 0.2
inches	0.3	0.3	0.18	0.11 \pm 0.008	0.20 \pm 0.008

