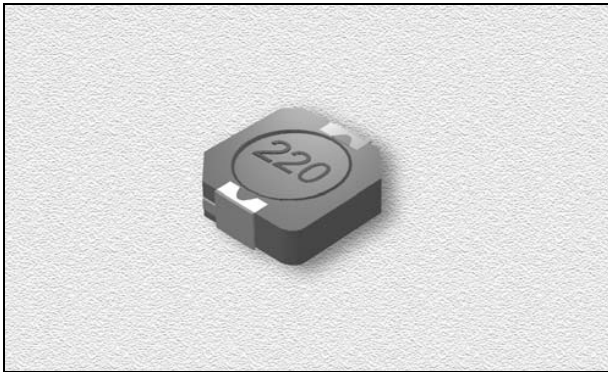


GVCDRH104R Series

From 1.5 μ H to 330 μ H



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: -30°C to +100°C

Inductance Tolerance: \pm 30%

Testing: Tested on a HP4285A at 100 KHz , 0.25Vrms , 0Adc

Packaging: Tape & Reel

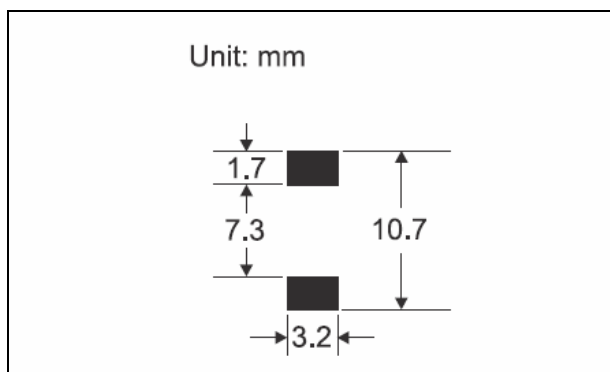
Marking: Parts are marked with inductance code

Miscellaneous: RoHS Compliant available.

Additional Information: Additional electrical & physical information available upon request

Samples available. See website for ordering information.

PAD LAYOUT



SPECIFICATIONS

Parts are available in \pm 30% tolerance only.

GVCDRH104RE Please specify "F" for RoHS Compliant

*This IDC indicates the value of current when the inductance is 35% lower than the nominal value.

Part Number	Inductance (μ H \pm 30%)	L Test Freq. (kHz)	DCR Max. (m Ω)	*IDC (A)
GVCDRH104R_-1R5	1.5	100	8.1	10.0
GVCDRH104R_-2R5	2.5	100	10	7.5
GVCDRH104R_-3R8	3.8	100	15	6.0
GVCDRH104R_-5R2	5.2	100	22	5.5
GVCDRH104R_-5R8	5.8	100	22	5.5
GVCDRH104R_-7R0	7.0	100	27	4.8
GVCDRH104R_-100	10	100	35	4.4
GVCDRH104R_-150	15	100	50	3.6
GVCDRH104R_-220	22	100	73	2.9
GVCDRH104R_-330	33	100	93	2.3
GVCDRH104R_-470	47	100	128	2.1
GVCDRH104R_-680	68	100	213	1.5
GVCDRH104R_-101	100	100	304	1.35
GVCDRH104R_-151	150	100	506	1.15
GVCDRH104R_-221	220	100	756	0.92
GVCDRH104R_-331	330	100	1090	0.70

PHYSICAL DIMENSIONS

Size	A	B	C	D	E	F
mm	10.0 \pm 0.3	10.0 \pm 0.3	3.8 \pm 0.2	3.0 \pm 0.1	7.7 \pm 0.3	1.2 \pm 0.15
inches	0.39 \pm 0.01	0.39 \pm 0.01	0.15 \pm 0.01	0.12 \pm 0.003	0.30 \pm 0.01	0.05 \pm 0.006

