

HA
HA Series SMD Power Inductors



FEATURES

- Low profile.
- Magnetic shielded.
- SMT type.

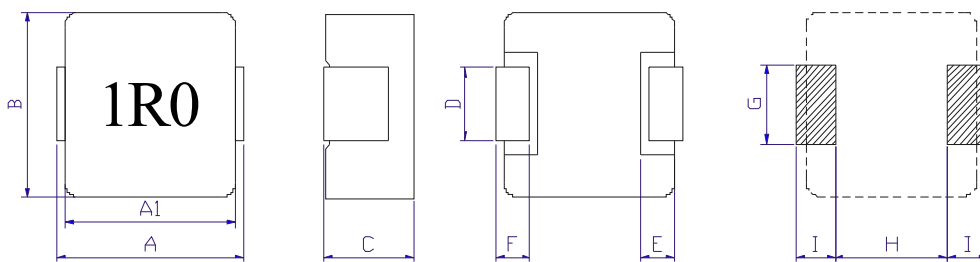
APPLICATIONS

- DC/DC
- Portable communication equipment
- Notebook computer
- DC/DC converters

ORDERING CODE

HA 63 - R33 M T

Product Code		(L W T) (mm) Dimensions			(H) Inductance		Tolerance		Packaging Style			
HA		63	6.85	6.5	3.0	R33	0.33	H	K	10%	T	Tape & Reel Bulk
		65	6.85	6.5	5.0	1R0	1.00	H	M	20%	B	
		125	13.2	12.6	5.0	100	10.0	H				



Part No .	A	B	C	E	F
HA63	7.0 0.3	6.5 0.3	3.0 MAX	1.2	2.2
HA65	7.0 0.3	6.5 0.3	5.0 MAX	1.2	2.2
HA125	13.5 0.4	12.6 0.3	5.0 MAX	3.0	5.8

ELECTRICAL CHARACTERISTICS

HA63 Series

Part Number	H	Tolerance	Test Freq.	DCR()Max	Isat(A)
HA63-R33MT	0.33	20%	100kHz	0.0039	30.0
HA63-R47MT	0.47	20%	100kHz	0.0026	26.0
HA63-R68MT	0.68	20%	100kHz	0.0055	25.0
HA63-1R0MT	1.00	20%	100kHz	0.0140	22.0
HA63-1R5MT	1.50	20%	100kHz	0.0200	18.0
HA63-2R2MT	2.2	20%	100kHz	0.0260	14.0
HA63-3R3MT	3.3	20%	100kHz	0.0534	13.5
HA63-4R7MT	4.7	20%	100kHz	0.0593	10.0

Isat: Isat 20%

Isat: Saturation Current, the current when the inductance becomes 20% lower than its initial value.

HA65 Series

Part Number	H	Tolerance	Test Freq.	DCR()Max	Isat(A)
HA65-R36MT	0.36	20%	100kHz	0.0035	25.0
HA65-R40MT	0.40	20%	100kHz	0.0035	23.0
HA65-R56MT	0.56	20%	100kHz	0.0036	18.0
HA65-R68MT	0.68	20%	100kHz	0.0042	16.0
HA65-1R0MT	1.00	20%	100kHz	0.0065	15.0
HA65-1R2MT	1.2	20%	100kHz	0.0075	13.0
HA65-1R5MT	1.5	20%	100kHz	0.0075	12.0
HA65-2R2MT	2.2	20%	100kHz	0.0136	12.0
HA65-3R3MT	3.3	20%	100kHz	0.0209	9.0
HA65-4R7MT	4.7	20%	100kHz	0.0303	7.0
HA65-5R6MT	5.6	20%	100kHz	0.0343	7.0

Isat: Isat 20%

Isat: Saturation Current, the current when the inductance becomes 20% lower than its initial value.

HA125 Series

Part Number	H	Tolerance	Test Freq.	DCR()Max	Isat(A)
HA125-R47MT	0.47	20%	100kHz	0.0013	65
HA125-R56MT	0.56	20%	100kHz	0.0015	55
HA125-R68MT	0.68	20%	100kHz	0.0017	54
HA125-R82MT	0.82	20%	100kHz	0.00175	53
HA125-1R0MT	1.00	20%	100kHz	0.0025	50
HA125-1R5MT	1.50	20%	100kHz	0.0030	48

Isat: Isat 20%

Isat: Saturation Current, the current when the inductance becomes 20% lower than its initial value.