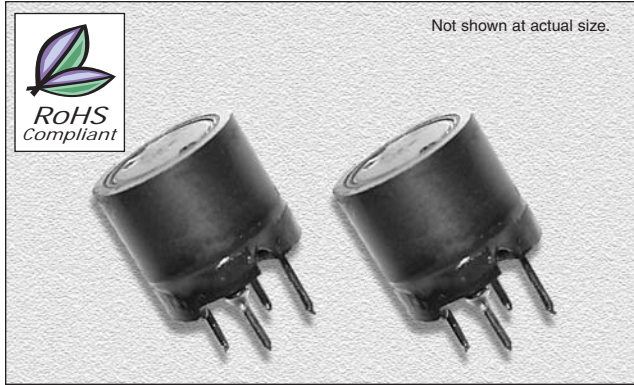


02-251F Series

From 10 μ H to 1,000 μ H

SPECIFICATIONS

Parts numbers indicate available inductance tolerance.
L = $\pm 15\%$, M = $\pm 20\%$



Part Number	Inductance (μ H)	Test Freq. (. Hz)	DCR Max. (Ω)	Rated DC (A)
02-251F-100M	10	2.52M	0.023	3.51
02-251F-120M	12	2.52M	0.024	3.24
02-251F-150M	15	2.52M	0.036	2.88
02-251F-180M	18	2.52M	0.039	2.61
02-251F-220M	22	2.52M	0.042	2.34
02-251F-270M	27	2.52M	0.045	2.16
02-251F-330L	33	2.52M	0.057	2.89
02-251F-390L	39	2.52M	0.076	1.80
02-251F-470L	47	2.52M	0.100	1.62
02-251F-560L	56	2.52M	0.110	1.44
02-251F-680L	68	2.52M	0.150	1.35
02-251F-820L	82	2.52M	0.160	1.26
02-251F-101L	100	1.00k	0.190	1.08
02-251F-121L	120	1.00k	0.210	0.99
02-251F-151L	150	1.00k	0.230	0.90
02-251F-181L	180	1.00k	0.260	0.82
02-251F-221L	220	1.00k	0.290	0.74
02-251F-271L	270	1.00k	0.360	0.67
02-251F-331L	330	1.00k	0.510	0.61
02-251F-391L	390	1.00k	0.690	0.55
02-251F-471L	470	1.00k	0.980	0.51
02-251F-561L	560	1.00k	1.100	0.46
02-251F-681L	680	1.00k	1.200	0.42
02-251F-821L	820	1.00k	1.300	0.38
02-251F-102L	1000	1.00k	1.500	0.35

CHARACTERISTICS

Description: Radial leaded fixed inductor

Applications: Magnetically shielded. High reliability, efficiency and saturation. Ideal for use as a power choke coil in switching power supply, TV sets, video appliances, and industrial equipment as well as use as a peaking coil in filtering applications

Inductance Tolerance: $\pm 15\%$, $\pm 20\%$

Testing: Tested on a HP4285A or HP4284A at specified frequency

Packaging: Bulk packaging

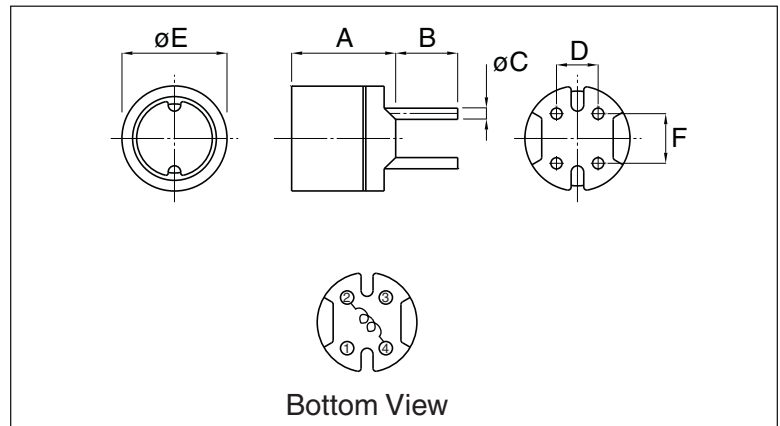
Rated Current: The rated D.C. current indicates the value of current when the inductance is 10% lower than its initial value at D.C. superposition or D.C. current when at $\Delta t=40^\circ\text{C}$ whichever is lower. ($T_a=20^\circ\text{C}$)

Miscellaneous: RoHS Compliant

Additional Information: Additional electrical & physical information available upon request

PHYSICAL DIMENSIONS

Size	A	B	C	D	E	F
mm	10.5 \pm 0.5	3.5 \pm 1.0	0.7+0.1,-0.05	4.0 \pm 0.3	10.0 \pm 0.5	5.0 \pm 0.3
inches	0.41 \pm 0.02	0.14 \pm 0.04	0.027+0.004,-0.002	0.16 \pm 0.012	0.40 \pm 0.02	0.20 \pm 0.012



02.22.07