

Features :

- Description: SMD Power Inductor
- Applications: VTR power supplies. OA equipment, LCD televisions, PC notebooks, portable communication equipment, DC/DC converters. Step up & step down converters and flash memory programmers.
- Operating Temperature: -40°C to +85°C
- Inductance Tolerance: $\pm 20\%$
- Isat: DC current at which the inductance drops 30% (typ.) from its value without current.
- Irms: Average current for 40°C temperature rise from 25°C ambient.
- Testing: Inductance is tested on an HP4284A @ 100kHz / 0.25 Vrms
- Packaging: Tape & Reel, 1000pcs / 13" (330mm) reels.
- Marking: Suffix code
- Miscellaneous: Electrical Specifications at 25°C
- Additional info available upon request.



Part Number	Inductance (μH)	L Test Freq. (kHz)	SRF Typ (MHz)	DCR max (Ohms)	Isat Typ. (A)	Irms (A)
AXDO1813P-181HC	0.18	100	800	0.003	14.0	10.0
AXDO1813P-331HC	0.33	100	600	0.004	10.0	7.0
AXDO1813P-561HC	0.56	100	200	0.010	7.7	6.0
AXDO1813P-122HC	1.2	100	140	0.017	5.3	4.4
AXDO1813P-162HC	1.6	100	100	0.025	4.5	4.2
AXDO1813P-222HC	2.2	100	100	0.035	3.5	3.1
AXDO1813P-332HC	3.3	100	80	0.040	3.0	2.7
AXDO1813P-472HC	4.7	100	50	0.054	2.6	2.2
AXDO1813P-682HC	6.8	100	45	0.080	2.2	1.8
AXDO1813P-822HC	8.2	100	42	0.092	2.0	1.6
AXDO1813P-103HC	10	100	40	0.110	1.9	1.5
AXDO1813P-153HC	15	100	30	0.170	1.5	1.2
AXDO1813P-223HC	22	100	25	0.250	1.2	1.0
AXDO1813P-333HC	33	100	20	0.350	0.99	0.82
AXDO1813P-473HC	47	100	15	0.470	0.87	0.72
AXDO1813P-683HC	68	100	7	0.730	0.67	0.56
AXDO1813P-104HC	100	100	5	1.110	0.53	0.47

Dimensions :
