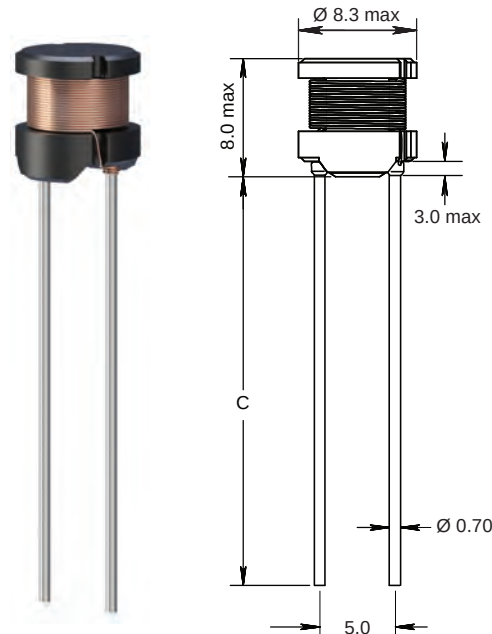


07 HCPLP, 07 HCPLP/T

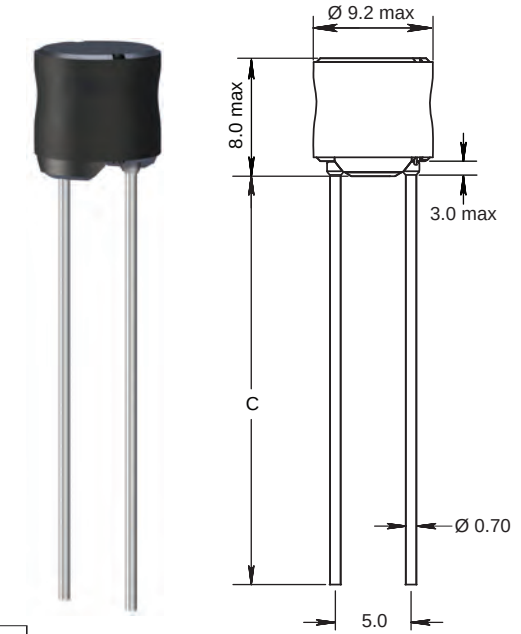
For High Currents, Low Profile Design



PRELIMINARY



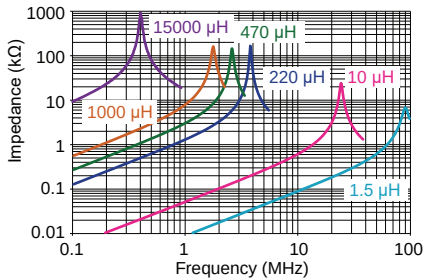
07 HCPLP



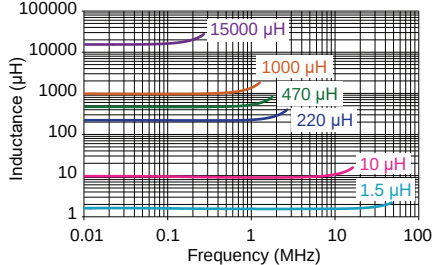
07 HCPLP/T
(With Tube)

Packaging	C
Loose / Box [-50]	13.0
Taped / Reel [-51]	26.0

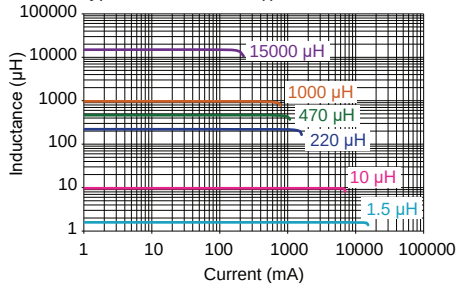
Typical |Z| vs Frequency (f)



Typical Ls vs Frequency (f)



Typical Ls vs Current (I)



Part No	Inductance L (μH)	f _L (kHz)	Tol. ± (%)	SRF MHz typ	DCR max (Ω)	Rated DC Current (A)	
						I _{max}	I _{sat} typ
* 07HCPLP-1R5M-YY	1.5	100 @ 0.25 V	20	85.00	0.02	5.60	10.50
07HCPLP-100M-YY	10	100 @ 0.25 V	20	20.00	0.05	3.75	5.50
07HCPLP-470M-YY	47	100 @ 0.25 V	20	7.55	0.15	1.68	2.30
07HCPLP-121M-YY	120	100 @ 0.25 V	20	4.30	0.38	0.98	1.50
07HCPLP-221M-YY	220	100 @ 0.25 V	20	3.20	0.72	0.70	1.20
07HCPLP-331M-YY	330	100 @ 0.25 V	20	2.70	1.00	0.60	1.05
07HCPLP-471M-YY	470	100 @ 0.25 V	20	2.20	1.55	0.45	0.85
07HCPLP-681M-YY	680	100 @ 0.25 V	20	1.80	2.00	0.42	0.75
07HCPLP-102M-YY	1000	100 @ 0.25 V	20	1.50	3.20	0.35	0.55
07HCPLP-152M-YY	1500	100 @ 0.25 V	20	1.15	4.30	0.30	0.50
07HCPLP-153M-YY	15000	100 @ 0.25 V	20	0.31	50	0.10	0.15

Core Material: Ferrite

Revision date: 29 Jan 2024

SPQ:	Packaging Form	Loose / Box	Taped / Reel
	Radial	500 [-50]	500 [-51]

Remarks: - Unlisted inductance values available upon request.

- All 07HCPLP are specified for 150°C except the model with *, which are specified for 125°C.

- Short leads available upon request.