

SMD Shielded Power Inductors – SDS1306 Series

Electrical Characteristics

Part Number	Inductance * (mH)	Q Min.	Q Frequency (KHz)	DC Resistance ()Max	Isat ** (A)	Irms *** (A)	SRF (MHz) Typ.
SDS1306T100M	10	40	100	0.040	5.5	3.9	24
SDS1306T150M	15	40	100	0.048	4.5	3.4	16
SDS1306T220M	22	30	100	0.059	3.5	3.1	14
SDS1306T330M	33	40	100	0.075	3.3	2.8	11
SDS1306T470M	47	40	100	0.097	2.7	2.4	8.0
SDS1306T680M	68	40	100	0.140	2.2	2.0	7.0
SDS1306T101M	100	40	100	0.210	1.7	1.7	5.5
SDS1306T151M	150	50	100	0.300	1.3	1.3	4.8
SDS1306T221M	220	50	100	0.470	1.1	1.1	4.0
SDS1306T331M	330	50	100	0.780	0.86	0.86	3.0
SDS1306T471M	470	50	100	1.08	0.73	0.73	2.4
SDS1306T681M	680	60	100	1.40	0.64	0.64	2.0
SDS1306T102M	1000	60	100	2.01	0.53	0.53	1.0

1. Inductance tested at 0.1 Vrms , 100kHz.
 2. Inductance drop 10% typ. at Isat.
 3. 40 rise typ. at Irms.
- Operating temperature range - 40 to +85