

SML0805



SML0805LF*



Thin Film



PART NUMBER	L nH	Q MIN	TEST FREQ MHz	SRF MHz MIN	DCR OHMS MAX	CURRENT RATING mA DC MAX	MARKING
ALUMINA CERAMIC SUBSTRATE							
SML0805-0010†	1.0	20	500	13000	0.25	900	1.0
SML0805-0012†	1.2	20	500	13000	0.25	900	1.2
SML0805-0015†	1.5	20	500	10000	0.25	900	1.5
SML0805-0018†	1.8	25	500	9000	0.25	900	1.8
SML0805-0022†	2.2	25	500	8000	0.25	800	2.2
SML0805-0027†	2.7	25	500	8000	0.25	800	2.7
SML0805-0033†	3.3	25	500	6000	0.25	800	3.3
SML0805-0039†	3.9	25	500	6000	0.25	800	3.9
SML0805-0047†	4.7	25	500	5000	0.50	700	4.7
SML0805-0056J	5.6	25	500	4500	0.50	700	5.6
SML0805-0068J	6.8	25	500	4000	0.50	500	6.8
SML0805-0082J	8.2	25	500	3000	0.50	500	8.2
SML0805-0100J	10	25	500	2500	1.0	400	10
SML0805-0120J	12	25	500	2500	1.0	400	12
SML0805-0150J	15	25	500	2000	1.0	300	15
SML0805-0180J	18	20	500	1500	1.0	300	18
SML0805-0220J	22	20	500	1000	1.5	250	22
SML0805-0270J	27	15	200	1000	1.5	250	27
SML0805-0330J	33	15	200	1000	1.5	200	33
SML0805-0390J	39	15	200	800	1.5	200	39
SML0805-0470J	47	15	200	800	1.5	200	47
SML0805-0560J	56	10	200	700	4.0	150	56
SML0805-0680J	68	10	200	700	5.0	150	68
SML0805-0820J	82	10	200	600	5.0	150	82

Suffix "J" for 5% tolerance

† Part Numbers provide 0.2 nH tolerance on inductance

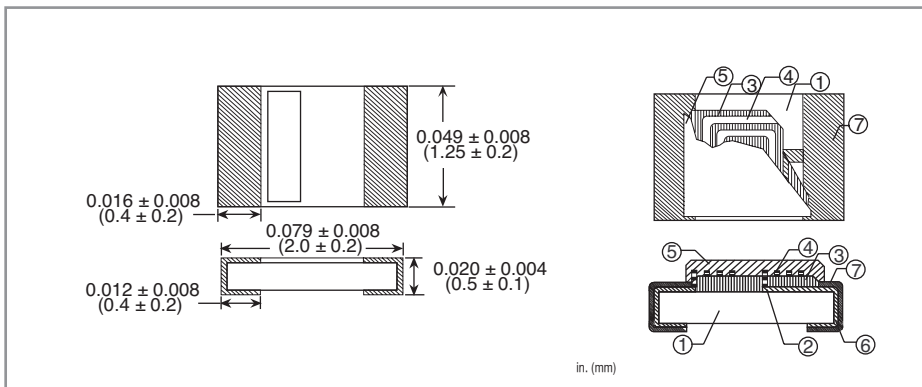
Custom designs are available to meet your specific requirements; please contact factory

***Add "LF" suffix for RoHS requirement. Example: SML0805-0010LF**

Gowanda designates a component RoHS-compliant by adding "LF" (lead free) to the part number.

These LF components meet the ≤ .1% lead requirement and they are compatible with 260°C soldering processes.

- ① Alumina Ceramic Substrate ② Cross Conductor ③ Polimide Insulator
- ④ Cu Plating Coil Pattern ⑤ Epoxy Passivation ⑥ Ni Barrier
- ⑦ Solder Coating



NOTES:

- Operating Temperature Range: -40°C to +125°C
- Current Rating is based on a 15°C temperature rise at an ambient temperature of 25°C
- Excellent for high frequency applications
- Small size allows for high density mounting

TAPE AND REEL SPECS:

Pcs./Reel maximum:	4000
Pitch between parts:	4 mm
Tape width:	8 mm
Reel diameter:	7 in.