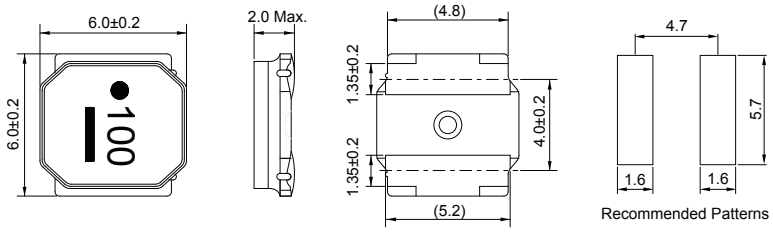
CSMS0620D Series (SHIELDED)

■ SMD Wire Wound Power Inductors

MECHANICAL DIMENSIONS

CSMS0620D



unit: mm

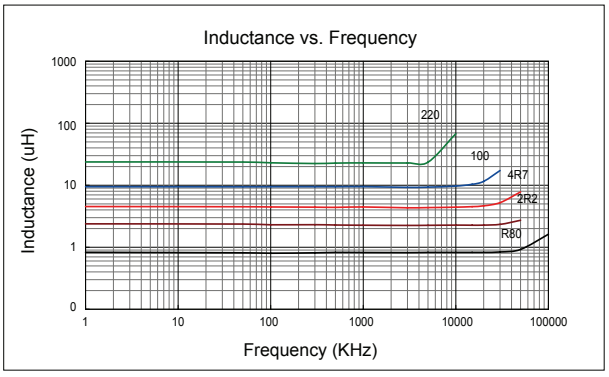
ELECTRICAL SPECIFICATION

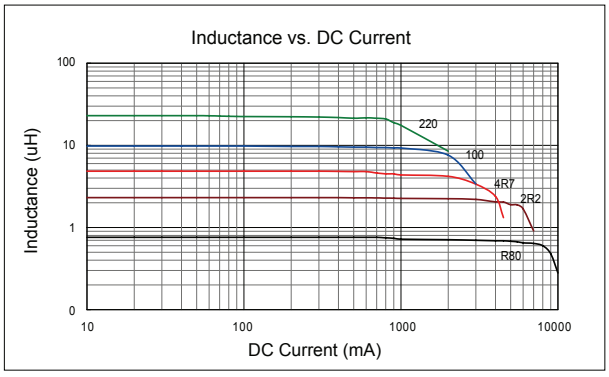
Part Number	Marking	Inductance @100KHz (uH)	Inductance Tolerance	DCR ±20% (Ω)	Rated Current (mA)		SRF (MHz) Min.
					Saturation Current Idc1	Temperature Rise Current Idc2	
CSMS0620D-R80N-LRH	0R8	0.8	±30%	0.020	6400	4100	110
CSMS0620D-1R5N-LRH	1R5	1.5	±30%	0.026	4300	3600	93
CSMS0620D-2R2N-LRH	2R2	2.2	±30%	0.034	3200	2900	73
CSMS0620D-3R3N-LRH	3R3	3.3	±30%	0.040	2800	2750	55
CSMS0620D-4R7N-LRH	4R7	4.7	±30%	0.058	2400	2150	43
CSMS0620D-6R8N-LRH	6R8	6.8	±30%	0.085	2000	1800	30
CSMS0620D-100M-LRH	100	10	±20%	0.125	1900	1500	18
CSMS0620D-220M-LRH	220	22	±20%	0.290	1250	950	11

- Operating temperature Range: -25℃ to +125℃ (Including self-temperature rise)
- Storage Temp. Range: -40℃ to +85℃
- Inductance measured using the HP4285A and Chroma1320 & 3302
- DCR measured using Chroma16502
- SRF measured using the HP4291B
- Saturation Current Idc1: The value of current causes a 30% inductance reduction from initial value.(at Ta: 20℃)
- Temperature rise current Idc2: The value of current causes a 40℃ temperature rise.(at Ta: 20℃)
- Rated Current: Either Idc1 or Idc2 whichever is smaller
- MSL: Level 1

CHARACTERISTIC CURVE

CSMS0620D Series





SMD

Leaded