

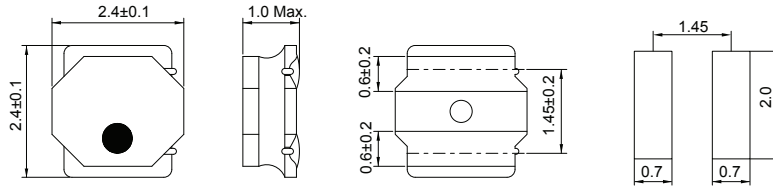
CSMH2410D Series (SHIELDED)

■ SMD Wire Wound Power Inductors

MECHANICAL DIMENSIONS



CSMH2410D



Recommended Patterns

unit: mm

ELECTRICAL SPECIFICATION

Part Number	Inductance @100KHz (uH)	Inductance Tolerance	DCR ±20% (Ω)	Rated Current (mA)		SRF (MHz) Min.
				Saturation Current Idc1	Temperature Rise Current Idc2	
CSMH2410D-R68N-LRH	0.68	±30%	0.06	2200	1570	120
CSMH2410D-1R0N-LRH	1.00	±30%	0.07	1800	1410	106
CSMH2410D-1R5M-LRH	1.50	±20%	0.11	1550	1160	94
CSMH2410D-2R2M-LRH	2.20	±20%	0.15	1290	970	77
CSMH2410D-3R3M-LRH	3.30	±20%	0.22	1000	770	56
CSMH2410D-4R7M-LRH	4.70	±20%	0.29	880	670	50
CSMH2410D-6R8M-LRH	6.80	±20%	0.41	750	570	43
CSMH2410D-100M-LRH	10.0	±20%	0.69	550	450	32
CSMH2410D-150M-LRH	15.0	±20%	1.02	470	370	27
CSMH2410D-220M-LRH	22.0	±20%	1.47	390	300	22

- Operating temperature Range: -25°C to +125°C (Including self-temperature rise)
- Storage Temp. Range: -40°C to +85°C
- 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°C)
- Temperature rise current Idc2: The value of current causes a 40°C temperature rise.(at Ta: 20°C)
- Rated Current: Either Idc1 or Idc2 whichever is smaller
- MSL: Level 1

SMD

Leaded

CHARACTERISTIC CURVE

CSMH2410D Series

