

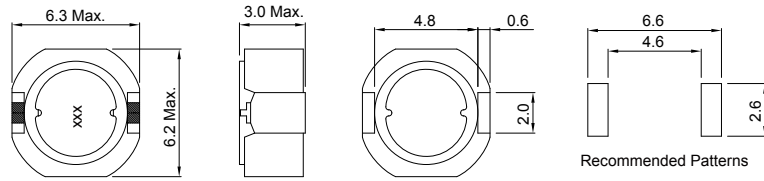
CSS0630G Series (SHIELDED)

■ SMD Wire Wound Power Inductors

MECHANICAL DIMENSIONS



CSS0630G



unit: mm

ELECTRICAL SPECIFICATION

Part Number	Marking	Inductance (μH)	Test Freq. (KHz)	DCR (Ω) Max.	Rated Current (A)	Isat (A)
CSS0630G-1R0M-LRH	1R0	1.0	100	0.014	3.59	4.03
CSS0630G-1R5M-LRH	1R5	1.5	100	0.016	2.93	3.63
CSS0630G-2R2M-LRH	2R2	2.2	100	0.020	2.42	3.30
CSS0630G-3R6M-LRH	3R6	3.6	100	0.026	1.89	2.83
CSS0630G-4R7M-LRH	4R7	4.7	100	0.033	1.66	2.45
CSS0630G-6R2M-LRH	6R2	6.2	100	0.039	1.45	2.20
CSS0630G-100M-LRH	100	10	100	0.059	1.14	1.77
CSS0630G-120M-LRH	120	12	100	0.063	1.04	1.70
CSS0630G-150M-LRH	150	15	100	0.075	0.93	1.55
CSS0630G-180M-LRH	180	18	100	0.089	0.85	1.41
CSS0630G-220M-LRH	220	22	100	0.115	0.77	1.23
CSS0630G-270M-LRH	270	27	100	0.144	0.70	1.08
CSS0630G-330M-LRH	330	33	100	0.168	0.63	0.99
CSS0630G-390M-LRH	390	39	100	0.180	0.58	0.95
CSS0630G-470M-LRH	470	47	100	0.225	0.53	0.84
CSS0630G-560M-LRH	560	56	100	0.264	0.48	0.76
CSS0630G-680M-LRH	680	68	100	0.324	0.44	0.69
CSS0630G-820M-LRH	820	82	100	0.396	0.40	0.61
CSS0630G-101M-LRH	101	100	100	0.498	0.36	0.54
CSS0630G-151M-LRH	151	150	100	0.738	0.31	0.42

- Tolerance: N=±30% ; M=±20% ; L=±15%
- Operating Temperature Range: -30°C to +100°C (Including self-generated heat)
- Inductance measured using the HP4284A ; Chroma3302+1320
- DCR measured using the 16502 milli-ohm meter
- Inductance drop no more than 35% of initial value at Isat, temperature rises Δt<40°C at rated current.
- Storage Temperature Range: -40°C to +85°C

CHARACTERISTIC CURVE

CSS0630G Series

