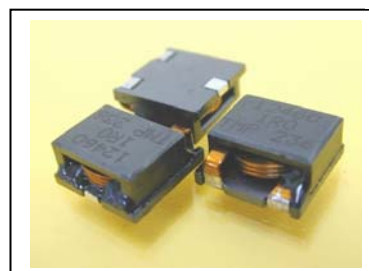


SMD HIGH CURRENT INDUCTORS

MODEL NO. : SSC-12460 HF SERIES

FEATURES:

- * SUPERIOR OF METAL COMBINATION WITH THE BENEFIT OF THE FERRITE CORE.
- * CLOSED MAGNETIC CIRCUIT CONSTRUCTION IS BOTH FOR SMALL MAGNETIC LEAKAGE FLUX AND HIGH DENSITY BOARD ASSMEBLY .
- * LOW DCR WITH LARGE CURRENT DESIGN.
- * LOWER RATE OF DECLINING INDUCTANCE LALUE WITHIN DESIGNATED DC CURRENT RANGE.
- * CUSTOM DESIGNS AVAILABLE.
- * SOLUTION FOR NOISE SUPPRESSION.
- * COMPLIANT WITH RoHS AND HALOGEN FREE.



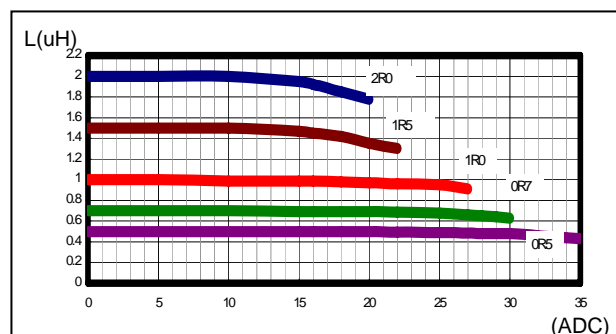
APPLICATION :

- * DC/DC CONVERTER IN POWER REGULATION SYSTEM.
- * CPU INDUCTORS IN NOTEBOOK COMPUTERS.
- * INDUCTORS FOR GENERAL PURPOSES AVAILABLE.

ELECTRICAL SPECIFICATION:

PART NO	INDUCTANCE (uH) $\pm 15\%$	DCR MAX (m Ω)	INDUCTANCE (uH) TYP. @ RATED CURRENT	RATED CURRENT (ADC)
SSC-12460-0R5 HF	0.5	1.2	0.45	30
SSC-12460-0R6 HF	0.6	1.3	0.55	30
SSC-12460-0R7 HF	0.7	1.2	0.60	29
SSC-12460-0R8 HF	0.8	1.3	0.65	30
SSC-12460-1R0 HF.	1.0	2.3	0.95	23
SSC-12460-1R5 HF	1.5	2.4	1.3	19
SSC-12460-2R0 HF	2.0	5.2	1.95	16
SSC-12460-3R2 HF	3.2	7.0	2.85	14

INDUCTANCE VS DC BIAS:

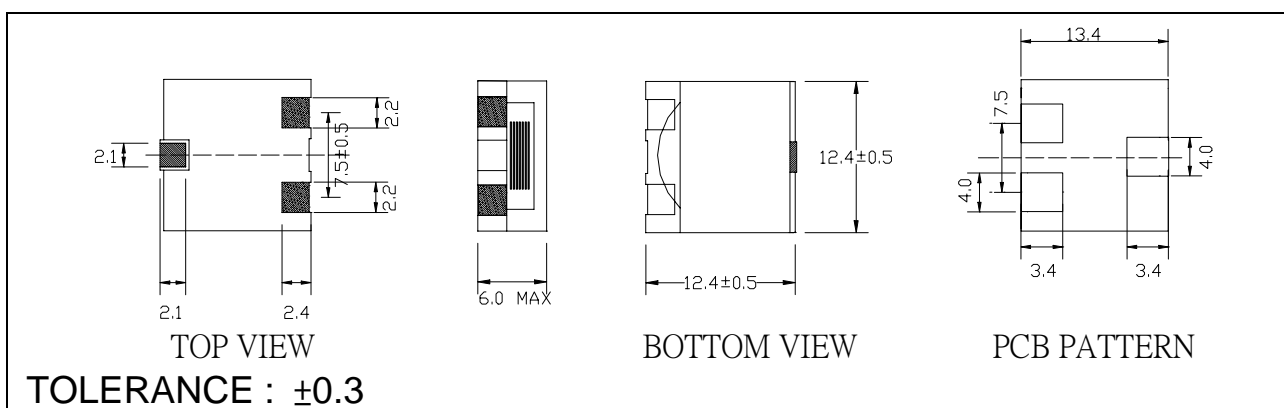


NOTE(1): Measuring condition: 100 KHZ, 0.1Vrms

NOTE(2): Acoustic noise: 55 dB max. @ freq. Span 0~20KHz, less than 35 dB under ambient.

NOTE(3): Operating temperature range: -40°C ~ +150°C

PHYSICAL DIMENSION : (UNIT:mm)



PACKAGING SPEC:

1. REEL SIZE & UNITS PER REEL :13",400PCS.
2. TAPE WIDTH:24mm.
- 3 .REEL WIDTH:29.5mm
4. COMPONENT PITCH:16mm