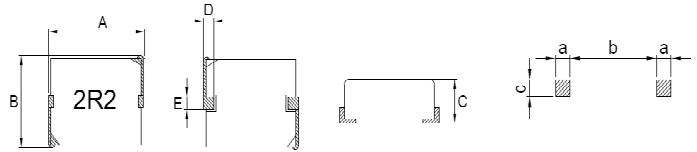


SMD Shielded Power Inductor- SSRP series

SCHMID-M



Series	A	B	C	D	E	a	b	c
SSRP0603	7,8 max.	7,0 max.	3,2max.	1,6±0,5	2,1±0,5	2,5	3,7	3,5
SSRP1203	13,9 max	13,5 max	3,7max.	2,5±0,5	3,0±0,5	4,0	7,0	4,5

Features

- Lowest DCR/Uh, in this package size
- Lowest high (3,0mm max.) in this package footprint
- Ultra low buzz noise, due to composite construction
- Frequency up to 5MHz

Application

- Thin type on-board power supply module for exchanger
- Laptop and notebook computers
- DC/DC converter in distributed power systems or VRM applications

Standard parts

	Inductance (uH)	Test frequency (Volt / Hz)	DC Resistance max. (mOhm)	Temperature Rise Current max. (A)	Saturation Current max. (A)
SSRP0603-R10_	0,10	1,0 / 100K	1,7	32,5	42,0
SSRP0603-R15_	0,15	1,0 / 100K	2,5	26,0	38,0
SSRP0603-R20_	0,20	1,0 / 100K	3,0	24,0	36,0
SSRP0603-R22_	0,22	1,0 / 100K	2,8	23,0	35,0
SSRP0603-R33_	0,33	1,0 / 100K	3,9	20,0	30,0
SSRP0603-R47_	0,47	1,0 / 100K	4,2	17,5	26,0
SSRP0603-R68_	0,68	1,0 / 100K	5,5	15,5	23,0
SSRP0603-R82_	0,82	1,0 / 100K	8,0	13,0	20,0
SSRP0603-1R0_	1,00	1,0 / 100K	10,0	11,0	16,0
SSRP0603-1R5_	1,50	1,0 / 100K	15,0	9,0	14,0
SSRP0603-2R2_	2,20	1,0 / 100K	20,0	8,0	12,0
SSRP0603-3R3_	3,30	1,0 / 100K	30,0	6,0	10,0
SSRP0603-4R7_	4,70	1,0 / 100K	40,0	5,5	6,5
SSRP0603-6R8_	6,80	1,0 / 100K	60,0	4,5	6,0
SSRP0603-8R2_	8,20	1,0 / 100K	68,0	4,0	5,5
SSRP0603-100_	10,00	1,0 / 100K	105,0	3,0	4,5
SSRP1203-R10_	0,10	1,0 / 100K	0,96	43,0	56,0
SSRP1203-R15_	0,15	1,0 / 100K	1,20	41,0	50,0
SSRP1203-R22_	0,22	1,0 / 100K	1,30	38,5	48,0
SSRP1203-R33_	0,33	1,0 / 100K	1,50	36,5	45,5
SSRP1203-R47_	0,47	1,0 / 100K	2,00	32,0	44,0
SSRP1203-R60_	0,60	1,0 / 100K	2,50	29,0	42,0
SSRP1203-R68_	0,68	1,0 / 100K	2,60	28,0	40,0
SSRP1203-R82_	0,82	1,0 / 100K	3,00	25,0	38,0
SSRP1203-1R0_	1,00	1,0 / 100K	3,50	24,0	36,0
SSRP1203-1R5_	1,50	1,0 / 100K	5,50	19,0	28,0
SSRP1203-1R8_	1,80	1,0 / 100K	7,00	16,5	24,0
SSRP1203-2R2_	2,20	1,0 / 100K	8,00	16,0	20,0
SSRP1203-3R3_	3,30	1,0 / 100K	12,00	12,0	18,0
SSRP1203-4R7_	4,70	1,0 / 100K	15,00	10,0	16,0
SSRP1203-5R6_	5,60	1,0 / 100K	18,00	9,5	14,0
SSRP1203-6R8_	6,80	1,0 / 100K	22,00	9,0	13,0

Tolerance: M = ± 20%, M tolerance is standard.