

SMD INDUCTOR

Fixed Inductor for Surface Mounting

SPS15060M

SMD Shielded type

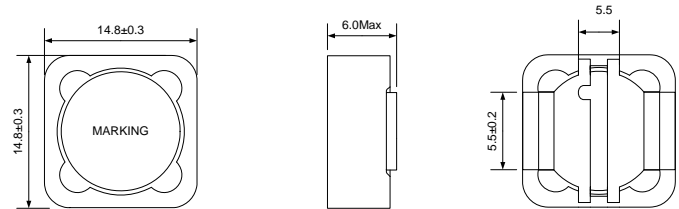
UNIT : mm

TYPE SPS15060M
For Reflow Soldering
Frequency Range: 1kHz ~1MHz
Inductance Range: 2.0 ~ 4700uH

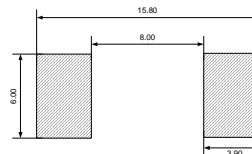
Features

- *Low profile (6.0mm high)
- *Suitable for reflow soldering
- *Available on tape and reel for automatic insertion

Dimensions



Recommended PCB Pattern:



Electrical Characteristics

Ordering code	Inductance range (μ H)	DCR(m Ω)	Rated current (A,max)	Marking
SPS15060M-2R0N	2.0 \pm 30%	8 \pm 30%	12.0	2R0
SPS15060M-3R3N	3.3 \pm 30%	9 \pm 30%	11.0	3R3
SPS15060M-4R7M	4.7 \pm 20%	10 \pm 20%	10.0	4R7
SPS15060M-5R6M	5.6 \pm 20%	12 \pm 20%	9.8	5R6
SPS15060M-8R2M	6.8 \pm 20%	16 \pm 20%	9.6	6R8
SPS15060M-100M	10 \pm 20%	18 \pm 20%	9.5	100
SPS15060M-120M	12 \pm 20%	24 \pm 20%	9.0	120
SPS15060M-150M	15 \pm 20%	27 \pm 20%	8.5	150
SPS15060M-180M	18 \pm 20%	28 \pm 20%	8.0	180
SPS15060M-220M	22 \pm 20%	42 \pm 20%	7.2	220
SPS15060M-330M	33 \pm 20%	58 \pm 20%	5.8	330
SPS15060M-470M	47 \pm 20%	88 \pm 20%	4.8	470
SPS15060M-560M	56 \pm 20%	95 \pm 20%	4.5	560
SPS15060M-680M	68 \pm 20%	105 \pm 20%	3.8	680
SPS15060M-820M	82 \pm 20%	118 \pm 20%	3.5	820
SPS15060M-101M	100 \pm 20%	160 \pm 20%	3.2	101
SPS15060M-471M	470 \pm 20%	682 \pm 20%	1.5	471

Standard Parts selection Guide

- *Inductance : Agilent 4285A (100kHz, 1.0V)
- *DCR Meter : ABM3245
- *Bias Current : Agilent 4285A + Agilent 42841A
- *Inductance drop = 20% at rated current

Note: It is developing excepts the thing which we produced