

SMD INDUCTOR

Fixed Inductor for Surface Mounting

SPM10060

SMD Nonshielded type

UNIT : mm

TYPE SPM10060

For Reflow Soldering

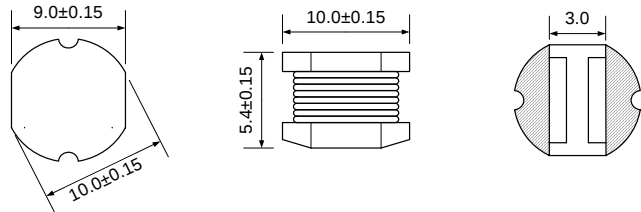
Frequency Range: 1kHz ~1MHz

Inductance Range: 3.3 ~ 680uH

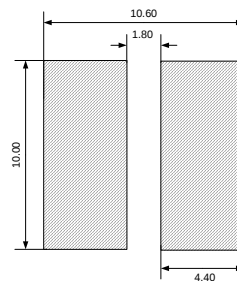
Features

- *Low profile SMD Type(6mm high)
- *Suitable for large current
- *Suitable for reflow soldering
- *Available on tape and reel for automatic insertion

Dimensions



Recommended PCB Pattern:



Electrical Characteristics

Ordering code	Inductance range (μH)	DCR(mΩ)	Rated current	Marking
			(A,max)	
SPM10060-3R3M	3.3±20%	20±20%	5.0	3R3
SPM10060-4R7M	4.7±20%	27±20%	5.0	4R7
SPM10060-6R8M	6.8±20%	32±20%	5.0	6R8
SPM10060-8R2M	8.2±20%	37±20%	5.0	8R2
SPM10060-100M	10.0±20%	42±20%	4.5	100
SPM10060-150M	15.0±20%	50±20%	4.0	150
SPM10060-220M	22.0±20%	62±20%	3.4	220
SPM10060-330M	33.0±20%	80±20%	2.7	330
SPM10060-470M	47.0±20%	100±20%	2.3	470
SPM10060-680M	68.0±20%	135±20%	1.9	680
SPM10060-820M	82.0±20%	162±20%	1.7	820
SPM10060-101M	100.0±20%	220±20%	1.5	101

Standard Parts selection Guide

*Inductance : Agilent 4284A (1kHz, 1.0V)

*DCR Meter : ABM3245 (20mΩ~2MΩ)

*Bias Current : Agilent 4284A + Agilent 42841A

*Inductance drop = 20% at rated current

Note: It is developing excepts the thing which we produced