

INDUCTOR

Fixed Inductor for Surface Mounting

SPC12060

SMD Shielded type

UNIT : mm

TYPE SPC12060

For Reflow Soldering

Frequency Range: 1kHz ~1MHz

Inductance Range: 2.4 ~ 1000uH

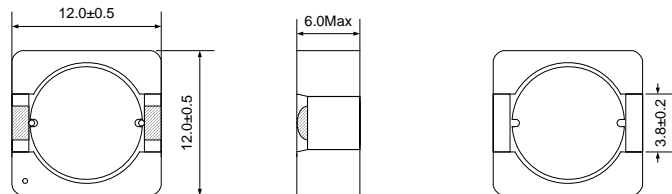
Features

*Low profile SMD Type(6.0mm high)

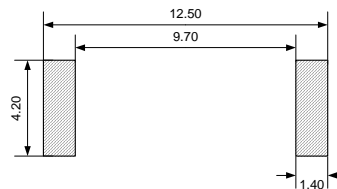
*Suitable for reflow soldering

*Available on tape and reel for automatic insertion

Dimensions



Recommended PCB Pattern:



Electrical Characteristics

Ordering code	Inductance range (μH)	DCR(m Ω)	Rated current (A, max)	Marking
SPC12060-2R4N	2.4 \pm 30%	12 \pm 30%	9	2R4
SPC12060-4R7M	4.7 \pm 20%	16 \pm 20%	8	4R7
SPC12060-100M	10 \pm 20%	21 \pm 20%	5	100
SPC12060-120M	12 \pm 20%	24 \pm 20%	4.8	120
SPC12060-180M	18 \pm 20%	29 \pm 20%	4	180
SPC12060-220M	22 \pm 20%	34 \pm 20%	3.5	220
SPC12060-330M	33 \pm 20%	50 \pm 20%	2.9	330
SPC12060-470M	47 \pm 20%	60 \pm 20%	2.2	470
SPC12060-560M	56 \pm 20%	78 \pm 20%	2.0	560
SPC12060-680M	68 \pm 20%	88 \pm 20%	1.9	680
SPC12060-820M	82 \pm 20%	95 \pm 20%	1.6	820
SPC12060-101M	100 \pm 20%	138 \pm 20%	1.5	101

Standard Parts selection Guide

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

*DCR Meter : ABM3245 (20m Ω ~2M Ω)

*Bias Current : Agilent 4284A + Agilent 42841A

*Inductance drop = 20% at rated current

Note: It is developing excepts the thing which we produced