

SMD INDUCTOR

Fixed Inductor for Surface Mounting

SPC6025

SMD Shielded type

UNIT : mm

TYPE SPC6025

For Reflow Soldering

Frequency Range: 1kHz ~1MHz

Inductance Range: 2.0 ~ 100uH

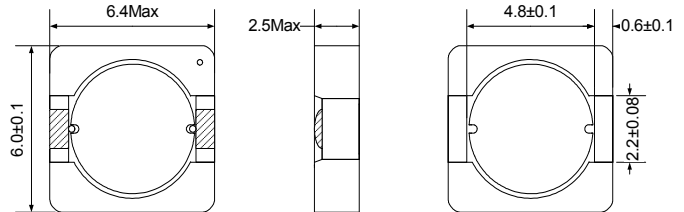
Features

*Low profile (2.5mm high)

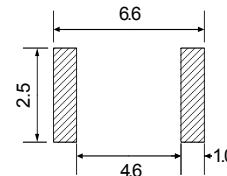
*Suitable for reflow soldering

*Available on tape and reel for automatic insertion

Dimensions



Recommended PCB Pattern:



Electrical Characteristics

Ordering code	Inductance range (μ H)	DCR($m\Omega$,max)	Rated current (A,max)	Marking
SPC6025-2R0M	2.0 ± 20%	40	2.6	2R0
SPC6025-2R7M	2.7 ± 20%	45	2.2	2R7
SPC6025-3R6M	3.6 ± 20%	50	1.9	3R6
SPC6025-4R7M	4.7 ± 20%	55	1.8	4R7
SPC6025-5R6M	5.6 ± 20%	60	1.7	5R6
SPC6025-6R8M	6.8 ± 20%	65	1.4	6R8
SPC6025-8R2M	8.2 ± 20%	70	1.2	8R2
SPC6025-100M	10 ± 20%	75	1.1	100
SPC6025-220M	22 ± 20%	115	0.8	220
SPC6025-330M	33 ± 20%	200	0.7	330
SPC6025-470M	47 ± 20%	250	0.56	470
SPC6025-560M	56 ± 20%	360	0.52	560
SPC6025-680M	68 ± 20%	450	0.48	680
SPC6025-820M	82 ± 20%	530	0.45	820
SPC6025-101M	100 ± 20%	550	0.40	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