

SMD INDUCTOR

Fixed Inductor for Surface Mounting

SPM4532

SMD Nonshielded type

UNIT : mm

TYPE SPM4532

For Reflow Soldering

Frequency Range: 1kHz ~1MHz

Inductance Range: 3.3 ~ 100uH

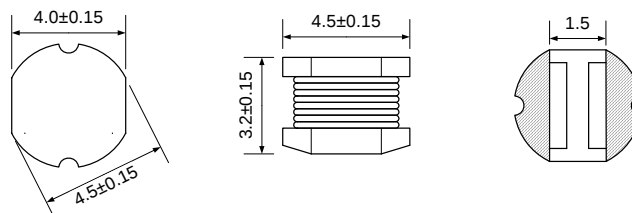
Features

*Low profile SMD Type(3.5mm high)

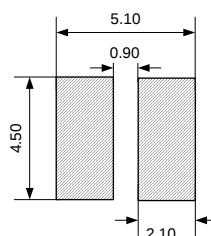
*Suitable for reflow soldering

*Available on tape and reel for automatic insertion

Dimensions



Recommended PCB Pattern:



Electrical Characteristics

Ordering code	Inductance range (μH)	DCR(mΩ)	Rated current (A,max)	Marking
SPM4532-3R3M	3.3±20%	35±20%	2.0	3R3
SPM4532-4R7M	4.7±20%	48±20%	1.9	4R7
SPM4532-6R8M	6.8±20%	72±20%	1.6	6R8
SPM4532-8R2M	8.2±20%	78±20%	1.4	8R2
SPM4532-100M	10.0±20%	96±20%	1.3	100
SPM4532-150M	15.0±20%	142±20%	1.1	150
SPM4532-220M	22.0±20%	208±20%	0.90	220
SPM4532-330M	33.0±20%	308±20%	0.74	330
SPM4532-470M	47.0±20%	472±20%	0.60	470
SPM4532-680M	68.0±20%	748±20%	0.50	680
SPM4532-820M	82.0±20%	816±20%	0.45	820
SPM4532-101M	100.0±20%	932±20%	0.40	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