

SMD INDUCTOR

Fixed Inductor for Surface Mounting

SPM3220

SMD Nonshielded type

UNIT : mm

TYPE SPM3220

For Reflow Soldering

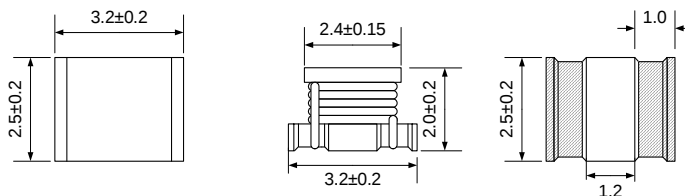
Frequency Range: 1kHz ~1MHz

Inductance Range: 2.2 ~ 100uH

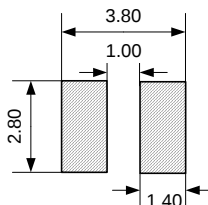
Features

- *Low profile (2mm high)
- *Suitable for reflow soldering
- *Generic use for portable LCD M/D,MP3
- *Available on tape and reel for automatic insertion

Dimensions



Recommended PCB Pattern:



Electrical Characteristics

Ordering code	Inductance range (μ H)	DCR(m Ω ,max)	Rated current (A,max)	Marking
SPM3220-2R2M	2.2 $\pm$ 20%	100	1.6	2R2
SPM3220-2R7M	2.7 $\pm$ 20%	110	1.4	2R7
SPM3220-3R3M	3.3 $\pm$ 20%	120	1.0	3R3
SPM3220-4R7M	4.7 $\pm$ 20%	150	0.90	4R7
SPM3220-5R6M	5.6 $\pm$ 20%	180	0.85	5R6
SPM3220-6R8M	6.8 $\pm$ 20%	220	0.85	6R8
SPM3220-8R2M	8.2 $\pm$ 20%	240	0.80	8R2
SPM3220-100M	10 $\pm$ 20%	350	0.78	100
SPM3220-120M	12 $\pm$ 20%	380	0.70	120
SPM3220-150M	15 $\pm$ 20%	450	0.60	150
SPM3220-220M	22 $\pm$ 20%	600	0.45	220
SPM3220-270M	27 $\pm$ 20%	900	0.40	270
SPM3220-330M	33 $\pm$ 20%	950	0.36	330
SPM3220-470M	47 $\pm$ 20%	1.5(Ω)	0.35	470
SPM3220-560M	56 $\pm$ 20%	1.7(Ω)	0.30	560
SPM3220-680M	68 $\pm$ 20%	2.2(Ω)	0.24	680
SPM3220-820M	82 $\pm$ 20%	2.5(Ω)	0.23	820
SPM3220-101M	100 $\pm$ 20%	3.0(Ω)	0.20	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