

INDUCTOR

Fixed Inductor for Surface Mounting

SPC7060

SMD Shielded type

UNIT : mm

TYPE SPC7060

For Reflow Soldering

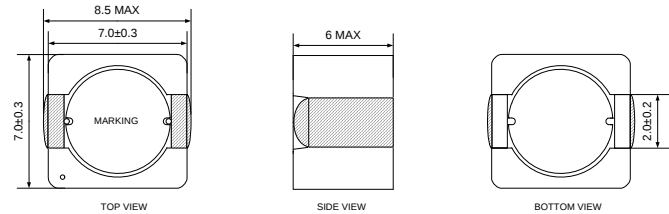
Frequency Range: 1kHz ~1MHz

Inductance Range: 3.3 ~ 470uH

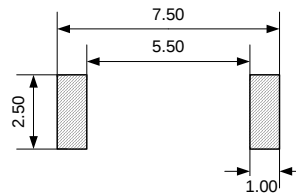
Features

- *Low profile (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 (μ H)	DCR(m Ω ,max)	Rated current (A,max)	Marking
SPC7060-3R3N	3.3 $\pm$ 30%	26 $\pm$ 30%	4.6	3R3
SPC7060-4R7N	4.7 $\pm$ 30%	34 $\pm$ 30%	4.5	4R7
SPC7060-100M	10 $\pm$ 20%	55 $\pm$ 20%	3.0	100
SPC7060-220M	22 $\pm$ 20%	80 $\pm$ 20%	2.1	220
SPC7060-330N	33 $\pm$ 20%	102 $\pm$ 20%	1.8	330

Standard Parts selection Guide

- *Inductance : Agilent 4285A (100kHz, 1.0V)
- *DCR Meter : ABM3245 (20m Ω ~2M Ω)
- *Bias Current : Agilent 4285A + Agilent 42841A
- *Inductance drop = 20% at rated current

Note: It is developing excepts the thing which we produced