

SMD INDUCTOR

Fixed Inductor for Surface Mounting

SPS7060

SMD Shielded type

UNIT : mm

TYPE SPS7060

For Reflow Soldering

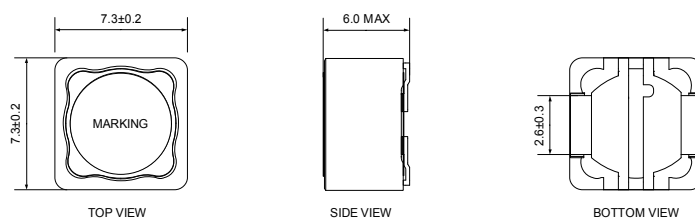
Frequency Range: 1kHz ~5MHz

Inductance Range: 1.0 ~ 330uH

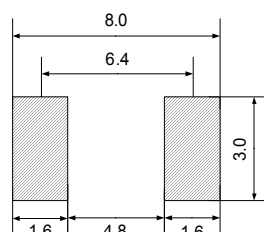
Features

- *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 (μH)	DCR(mΩ±30%)	Rated current (A _{r,max})	Marking
SPS7060-1R0N	1.0±30%	21.5	8.5	1R0
SPS7060-1R8N	1.8±30%	25.0	8.0	1R8
SPS7060-2R7N	2.7±30%	28.0	6.0	2R7
SPS7060-3R3N	3.3±30%	31.5	5.2	3R3
SPS7060-4R7M	4.7±20%	37.5	4.0	4R7
SPS7060-5R6M	5.6±20%	41	3.8	5R6
SPS7060-6R8M	6.8±20%	43	3.3	6R8
SPS7060-8R2M	8.2±20%	47	3.2	8R2
SPS7060-100M	10±20%	50	3.1	100
SPS7060-120M	12±20%	57	3.0	120
SPS7060-150M	15±20%	68	2.4	150
SPS7060-220M	22±20%	105	2.0	220
SPS7060-270M	27±20%	120	1.8	270
SPS7060-330M	33±20%	130	1.6	330
SPS7060-470M	47±20%	190	1.3	470
SPS7060-560M	56±20%	220	1.2	560
SPS7060-680M	68±20%	295	1.1	680
SPS7060-820M	82±20%	320	1.0	820
SPS7060-101M	100±20%	435	0.9	101
SPS7060-221M	220±20%	665	0.6	221
SPS7060-331M	330±20%	990	0.5	331

Standard Parts selection Guide

*Inductance : Agilent 4285A (100kHz, 1.0V)

*DCR Meter : ABM3245 (20mΩ~2MΩ)

*Bias Current : Agilent 4285A + Agilent 42841A

*Inductance drop = 30% at rated current / criterion(measure of time) : within 3 seconds

Note: can purchase customizing type, please contact us.