

SMD INDUCTOR

Fixed Inductor for Surface Mounting

SPS7032

SMD Shielded type

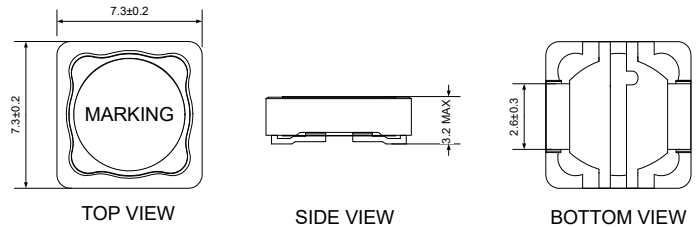
UNIT : mm

TYPE SPS7032
 For Reflow Soldering
 Frequency Range: 1kHz ~1MHz
 Inductance Range: 2.7 ~ 100uH

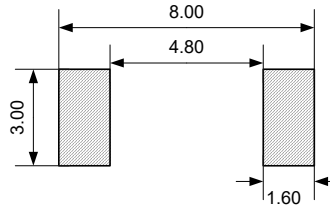
Features

- *Low profile (3.2mm 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,max)	Marking
SPS7032-2R7N	2.7±30%	23	4.2	2R7
SPS7032-3R3N	3.3±30%	27	4.0	3R3
SPS7032-4R7M	4.7±20%	32	3.4	4R7
SPS7032-5R6M	5.6±20%	39	3.0	5R6
SPS7032-6R8M	6.8±20%	46	2.8	6R8
SPS7032-8R2M	8.2±20%	50	2.6	8R2
SPS7032-100M	10±20%	64	2.2	100
SPS7032-120M	12±20%	69	2.0	120
SPS7032-150M	15±20%	88	1.8	150
SPS7032-220M	22±20%	125	1.5	220
SPS7032-270M	27±20%	140	1.3	270
SPS7032-330M	33±20%	180	1.1	330
SPS7032-470M	47±20%	228	1.0	470
SPS7032-560M	56±20%	290	0.90	560
SPS7032-680M	68±20%	395	0.80	680
SPS7032-820M	82±20%	450	0.70	820
SPS7032-101M	101±20%	500	0.65	101

Standard Parts selection Guide

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

*DCR Meter : ABM3245

*Bias Current : Agilent 4285A + Agilent 42841A

*Inductance drop = 30% at rated current

Note: It is developing excepts the thing which we produced