Features

- Available in E6 values
- Inductance values to 1000 µH
- RoHS compliant*

Applications

- Input/output of DC/DC converters
- Power supplies for:
  - Portable communication equipment
  - Camcorders
  - LCD TVs

SRR7032 Series - Shielded SMD Power Inductors

Electrical Specifications

Bourns Part No.	Inductance 1 KHz uH	Inductance 1 KHz Tol. %	Q Typ.	Test Frequency (MHz)	SRF Typ. (MHz)	RDC Max. (Ω)	I rms Max. (A)	I sat Typ. (A)
SRR7032-2R2M	2.2	±20	12	7.96	70	0.022	2.65	2.60
SRR7032-3R3M	3.3	±20	16	7.96	55	0.027	2.40	2.20
SRR7032-4R7M	4.7	±20	16	7.96	43	0.042	2.00	2.00
SRR7032-6R8M	6.8	±20	17	7.96	37	0.054	1.60	1.80
SRR7032-100M	10.0	±20	25	2.52	35	0068	1.40	1.60
SRR7032-150M	15.0	±20	22	2.52	32	0.095	1.10	1.20
SRR7032-220M	22.0	±20	20	2.52	29	0.135	0.96	1.05
SRR7032-330M	33.0	±20	23	2.52	20	0.200	0.76	0.86
SRR7032-470M	47.0	±20	26	2.52	18	0.280	0.67	0.77
SRR7032-680M	68.0	±20	22	2.52	16	0.380	0.60	0.70
SRR7032-101M	100.0	±20	28	0.796	12	0.540	0.45	0.50
SRR7032-151M	150.0	±20	35	0.796	10	0.800	0.37	0.38
SRR7032-221M	220.0	±20	47	0.796	7.5	1.300	0.30	0.32
SRR7032-331M	330.0	±20	46	0.796	6.1	1.900	0.22	0.24
SRR7032-471M	470.0	±20	34	0.796	5.1	2.400	0.20	0.20
SRR7032-681M	680.0	±20	58	0.796	3.8	3.750	0.16	0.15
SRR7032-102M	1000.0	±20	120	0.252	3.1	5.400	0.15	0.14

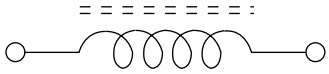
General Specifications

Test Voltage .....0.5 V
Reflow Soldering .. 230 °C, 50 sec. max.
Operating Temperature
.....-40 °C to +125 °C
(Temperature rise included)
Storage Temperature
.....-40 °C to +125 °C
Resistance to Soldering Heat
.....260 °C for 10 sec.
Moisture Sensitivity Level.....1
ESD Classification (HBM)..... N/A

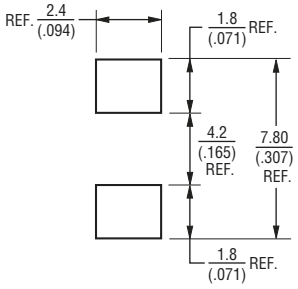
Materials

Core..... Ferrite DR & RI
Wire ..... Enameled copper wire 130
Terminal.....Cu/Ni/Sn
Rated Current
.....Ind. drop of 10 % typ. at Isat
Temperature Rise
.....30 °C max. at rated Irms
Packaging..... 1500 pcs. per reel

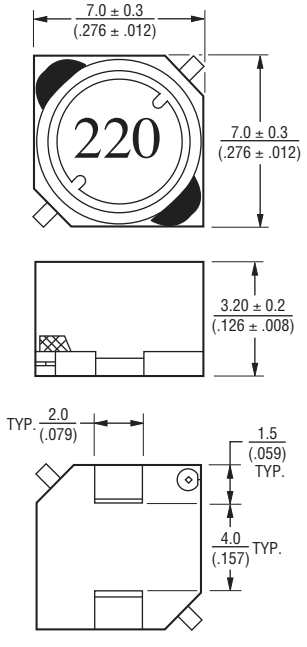
Schematic



Recommended Layout



Product Dimensions



DIMENSIONS: MM (INCHES)

WARNING Cancer and Reproductive Harm - www.P65Warnings.ca.gov

* RoHS Directive 2002/95/EC Jan. 27, 2003 including annex and RoHS Recast 2011/65/EU June 8, 2011.

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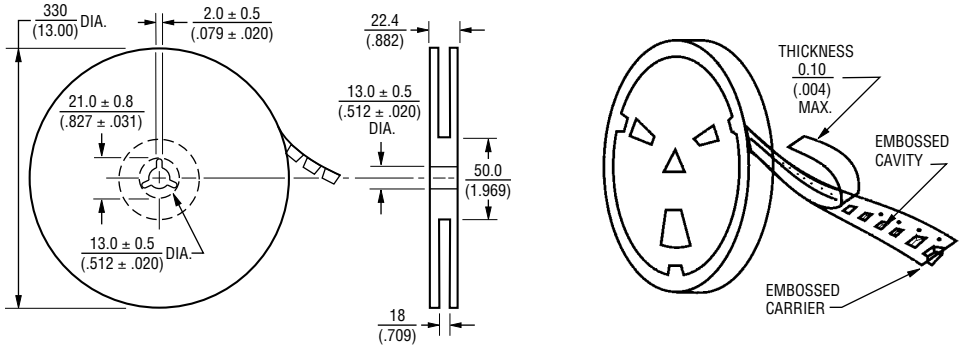
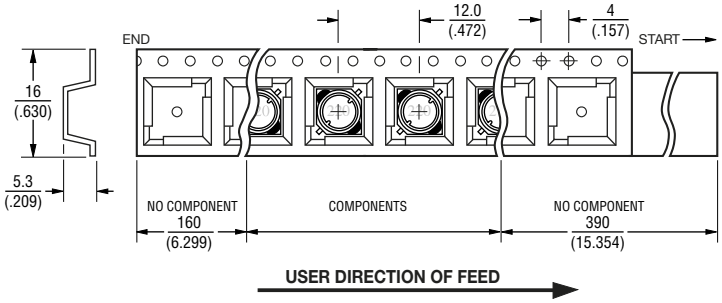
Packaging Specifications





QTY: 1500 PCS. PER REEL

DIMENSIONS: MM / (INCHES)

REV. 03/18

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LifeElectronics
Живое партнерство

ООО «ЛайфЭлектроникс» **“LifeElectronics” LLC**

ИНН 7805602321 КПП 780501001 Р/С 40702810122510004610 ФАКБ "АБСОЛЮТ БАНК" (ЗАО) в г.Санкт-Петербурге К/С 30101810900000000703 БИК 044030703

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С конца 2013 года компания активно расширяет линейку поставок компонентов по направлению коаксиальный кабель, кварцевые генераторы и конденсаторы (керамические, пленочные, электролитические), за счёт заключения дистрибьюторских договоров

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- *Специальные условия для постоянных клиентов.*
- *Подбор аналогов.*
- *Поставку компонентов в любых объемах, удовлетворяющих вашим потребностям.*

- *Приемлемые сроки поставки, возможна ускоренная поставка.*
- *Доставку товара в любую точку России и стран СНГ.*
- *Комплексную поставку.*
- *Работу по проектам и поставку образцов.*
- *Формирование склада под заказчика.*

- *Сертификаты соответствия на поставляемую продукцию (по желанию клиента).*
- *Тестирование поставляемой продукции.*
- *Поставку компонентов, требующих военную и космическую приемку.*
- *Входной контроль качества.*
- *Наличие сертификата ISO.*

В составе нашей компании организован Конструкторский отдел, призванный помогать разработчикам, и инженерам.

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- *Регистрацию проекта у производителя компонентов.*
- *Техническую поддержку проекта.*
- *Защиту от снятия компонента с производства.*
- *Оценку стоимости проекта по компонентам.*
- *Изготовление тестовой платы монтаж и пусконаладочные работы.*

Тел: +7 (812) 336 43 04 (многоканальный)
Email: org@lifeelectronics.ru

www.lifeelectronics.ru