

Features

- Formerly J. W. Miller[°] model
- Available in E6 values
- Inductance value to 1000 µH
- RoHS compliant*

Applications

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

PM7032S Series - Shielded SMD Power Inductor

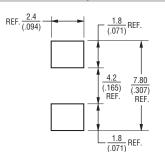
Electrical Specifications

	Inductance 100 kHz		•	Test	SRF	RDC	Irms	Isat
Bourns Part No.	(µH)	Tol. %	Q Typ.	Frequency (MHz)	Min. (MHz)	Max. (Ω)	Max. (A)	Тур. (А)
PM7032S-2R2M-RC	2.2	± 20	12	7.96	70	0.022	2.65	2.60
PM7032S-3R3M-RC	3.3	± 20	16	7.96	55	0.027	2.40	2.20
PM7032S-4R7M-RC	4.7	± 20	16	7.96	43	0.042	2.00	2.00
PM7032S-6R8M-RC	6.8	± 20	17	7.96	37	0.054	1.60	1.80
PM7032S-100M-RC	10	± 20	25	2.52	35	0.068	1.40	1.60
PM7032S-150M-RC	15	± 20	22	2.52	32	0.095	1.10	1.20
PM7032S-220M-RC	22	± 20	20	2.52	29	0.135	0.96	1.05
PM7032S-330M-RC	33	± 20	23	2.52	20	0.200	0.76	0.86
PM7032S-470M-RC	47	± 20	26	2.52	18	0.280	0.67	0.77
PM7032S-680M-RC	68	± 20	22	2.52	16	0.380	0.60	0.70
PM7032S-101M-RC	100	± 20	28	0.796	12	0.540	0.45	0.50
PM7032S-151M-RC	150	± 20	35	0.796	10	0.800	0.37	0.38
PM7032S-221M-RC	220	± 20	47	0.796	7.5	1.300	0.30	0.32
PM7032S-331M-RC	330	± 20	46	0.796	6.1	1.900	0.22	0.24
PM7032S-471M-RC	470	± 20	34	0.796	5.1	2.400	0.20	0.20
PM7032S-681M-RC	680	± 20	58	0.796	3.8	3.750	0.16	0.15
PM7032S-102M-RC	1000	± 20	120	0.252	3.1	5.400	0.15	0.14

Electrical Schematic



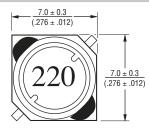
Recommended Layout



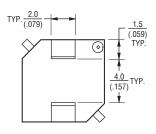
General Specifications

Test Voltage0.5 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 Moisture Sensitivity Level2 ESD Classification (HBM).....N/A Materials CoreFerrite DR and RI Wire Enameled copper wire 130 Terminal.....Cu/Ni/Sn Rated Current Ind. drop 10 % typ. at Isat

Product Dimensions







DIMENSIONS: $\frac{MM}{(INCHES)}$

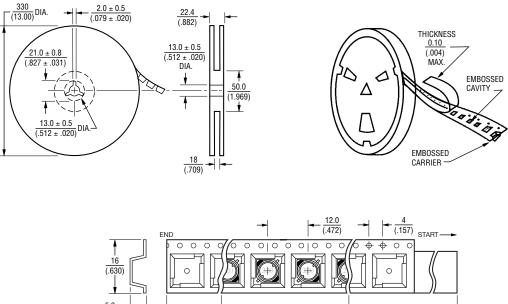
WARNING Cancer and Reproductive Harm - <u>www.P65Warnings.ca.gov</u>

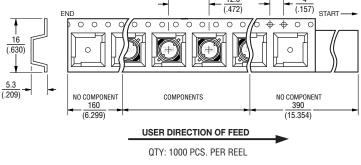
* RoHS Directive 2002/95/EC Jan. 27, 2003 including annex and RoHS Recast 2011/65/EU June 8, 2011. Specifications are subject to change without notice. Users should verify actual device performance in their specific applications. The products described herein and this document are subject to specific legal disclaimers as set forth on the last page of this document, and at www.bourns.com/docs/legal/disclaimer.pdf

PM7032S Series - Shielded SMD Power Inductor

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Packaging Specifications





MM DIMENSIONS: (INCHES)

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REV. 03/18

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Users should verify actual device performance in their specific applications.

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