

SMD POWER INDUCTORS / WDI TYPE

FEATURES

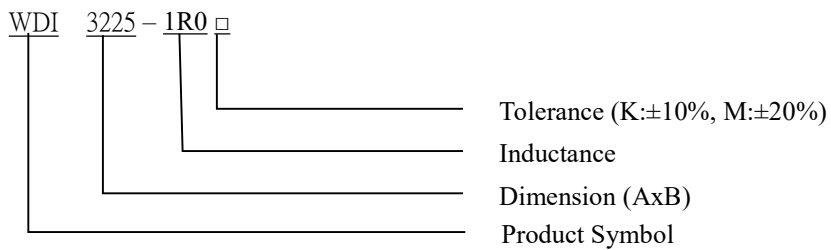
- ◆ The series is a range of miniature, surface-mount.
- ◆ I-core power inductors.
- ◆ Suitable for and reflow soldering.
- ◆ They are designed for use in power applications with restricted PCB space and height.



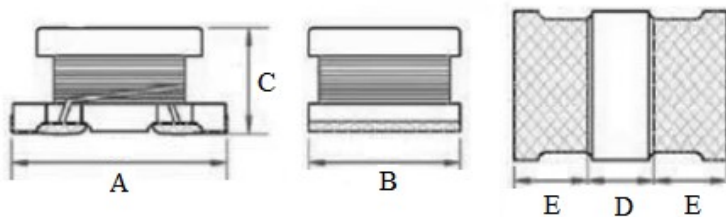
APPLICATIONS

- ◆ Networking devices.
- ◆ Industrial modules.
- ◆ DC/DC converters, etc.
- ◆ Various categories of consumer electronics.

ORDERING CODE



DIMENSIONS: (UNIT: mm)



A	3.2 ± 0.3	m/m
B	2.5 ± 0.2	m/m
C	2.0 ± 0.3	m/m
D	0.7 (MIN)	m/m
E	0.7 (MIN)	m/m



CORE MASTER ENTERPRISE CO., LTD.

<http://www.coremaster.com.tw>

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ELECTRICAL CHARACTERISTICS FOR WDI3225

Part No.	Inductance (μ H)	Test Frequency (MHz)	RDC (Ω) Max	IDC (mA) Max
WDI3225-1R0□	1.0	1MHz	0.500	440
WDI3225-1R5□	1.5	1MHz	0.600	400
WDI3225-2R2□	2.2	1MHz	0.800	370
WDI3225-3R3□	3.3	1MHz	1.000	300
WDI3225-4R7□	4.7	1MHz	1.200	270
WDI3225-5R6□	5.6	1MHz	1.300	250
WDI3225-6R8□	6.8	1MHz	1.500	240
WDI3225-8R2□	8.2	1MHz	1.600	220
WDI3225-100□	10	1MHz	1.800	190
WDI3225-120□	12	1MHz	2.000	180
WDI3225-150□	15	1MHz	2.200	170
WDI3225-180□	18	1MHz	2.500	160
WDI3225-220□	22	1MHz	2.800	150
WDI3225-270□	27	1MHz	3.100	120
WDI3225-330□	33	1MHz	3.500	110
WDI3225-470□	47	1MHz	4.300	100
WDI3225-560□	56	1MHz	4.900	90
WDI3225-680□	68	1MHz	5.500	85
WDI3225-820□	82	1MHz	6.200	80
WDI3225-101□	100	1MHz	7.000	75
WDI3225-121□	120	1MHz	8.000	70
WDI3225-151□	150	1MHz	9.300	70
WDI3225-181□	180	1MHz	10.200	60
WDI3225-221□	220	1MHz	11.800	60
WDI3225-271□	270	1MHz	12.500	60
WDI3225-331□	330	1MHz	13.000	60
WDI3225-391□	390	1MHz	22.000	50
WDI3225-471□	470	1MHz	25.000	45
WDI3225-561□	560	1MHz	28.000	40

Notes:

- 1) Test Equipment : HP4284A or WK3260B LCR Meter.
- 2) DCR limits @ 20°C. Test Equipment: CH502BC.



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