

SMD POWER INDUCTORS / WDI TYPE

FEATURES

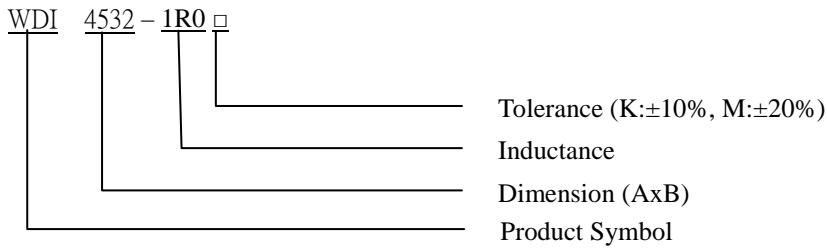
- ◆ The series is a range of miniature, surface-mount.
- ◆ I-core power inductors.
- ◆ Suitable for and reflow soldering.
- ◆ They are designed for use in power applications with restricted PCB space and height.



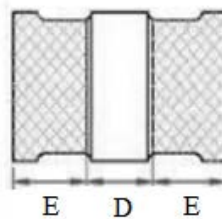
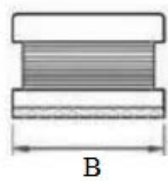
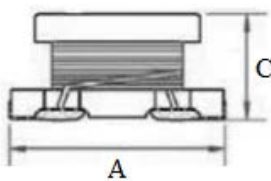
APPLICATIONS

- ◆ Personal computers.
- ◆ Pagers, Cordless phone.
- ◆ High Freq. Communication Products.
- ◆ Disk Drives and computer peripherals.
- ◆ DC power supply circuits.

ORDERING CODE



DIMENSIONS: (UNIT: mm)



A	4.5 ± 0.3	m/m
B	3.2 ± 0.2	m/m
C	2.6 ± 0.3	m/m
D	1.0 (MIN)	m/m
E	1.0 (MIN)	m/m

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ELECTRICAL CHARACTERISTICS FOR WDI4532

Part No.	Inductance (μ H)	Test Frequency (MHz)	RDC (Ω) Max	IDC (mA) Max
WDI4532-1R0□	1.0	1MHz	0.200	500
WDI4532-1R5□	1.5	1MHz	0.280	500
WDI4532-2R2□	2.2	1MHz	0.300	500
WDI4532-3R3□	3.3	1MHz	0.350	500
WDI4532-4R7□	4.7	1MHz	0.400	500
WDI4532-5R6□	5.6	1MHz	0.470	500
WDI4532-6R8□	6.8	1MHz	0.500	450
WDI4532-8R2□	8.2	1MHz	0.530	450
WDI4532-100□	10	1MHz	0.560	400
WDI4532-120□	12	1MHz	0.620	380
WDI4532-150□	15	1MHz	0.730	360
WDI4532-180□	18	1MHz	0.820	340
WDI4532-220□	22	1MHz	0.940	320
WDI4532-270□	27	1MHz	1.100	300
WDI4532-330□	33	1MHz	1.200	270
WDI4532-390□	39	1MHz	1.400	240
WDI4532-470□	47	1MHz	1.500	220
WDI4532-560□	56	1MHz	1.700	200
WDI4532-680□	68	1MHz	1.900	180
WDI4532-820□	82	1MHz	2.200	170
WDI4532-101□	100	1MHz	2.500	160
WDI4532-121□	120	1MHz	3.000	150
WDI4532-151□	150	1MHz	3.700	130
WDI4532-181□	180	1MHz	4.500	120
WDI4532-221□	220	1MHz	5.400	110
WDI4532-271□	270	1MHz	6.800	100
WDI4532-331□	330	1MHz	8.200	90
WDI4532-391□	390	1MHz	9.700	90
WDI4532-471□	470	1KHz	11.800	80
WDI4532-561□	560	1KHz	14.500	70
WDI4532-681□	680	1KHz	17.000	60
WDI4532-821□	820	1KHz	20.500	60
WDI4532-102□	1000	1KHz	25.000	50

CORE MASTER ENTERPRISE CO., LTD.



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Notes:

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



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