

MW3225 SERIES ~ Wire Wound Ferrite Chip Inductors

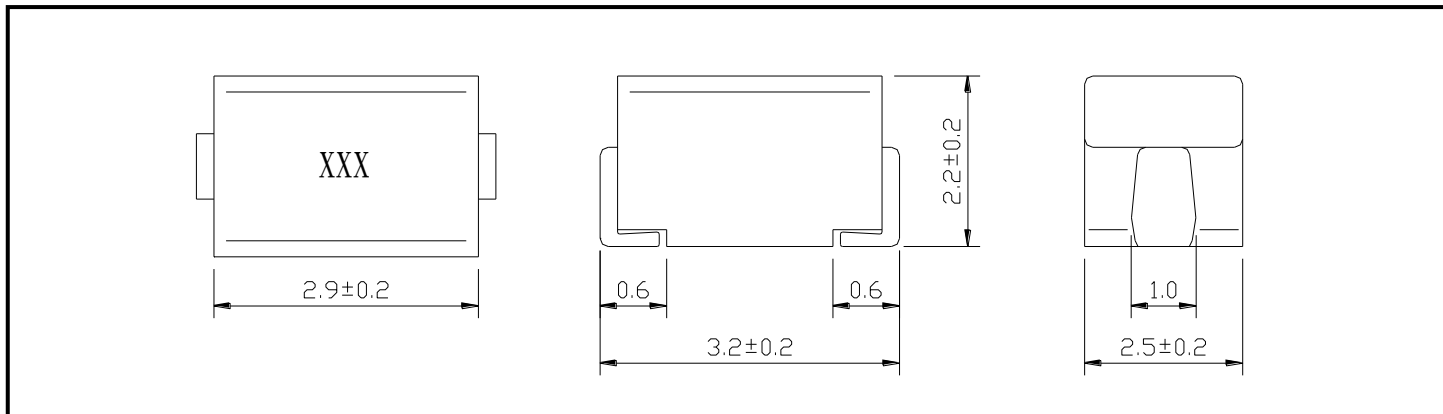


PART NUMBERING SYSTEM

MW	3225	—	1R0K	—	LF
TYPE	DIMENSIONS		INDUCTANCE		LEAD FREE

SHAPES AND DIMENSIONS

UNIT : mm



FEATURES

- Low DC resistance and high current
- Inductance range from 0.1uH to 100uH
- Precision inductance tolerance is available .
- Application for Personal computers, Hard disk drives , XDSL modern and Cable modern .
- RoHS Compliant .



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SPECIFICATION TABLE

PART NUMBER	INDUCTANCE (μ H)	Q. MIN.	TEST FREQ (MHz)	SRF (MHz) MIN.	DCR (Ω) (max)	IDC (mA) (max)
MW3225-R10M-LF	0.10 \pm 20%	28	100	700	0.44	450
MW3225-R12M-LF	0.12 \pm 20%	30	25.2	500	0.22	450
MW3225-R15M-LF	0.15 \pm 20%	30	25.2	450	0.25	450
MW3225-R18M-LF	0.18 \pm 20%	30	25.2	400	0.28	450
MW3225-R22M-LF	0.22 \pm 20%	30	25.2	350	0.32	450
MW3225-R27M-LF	0.27 \pm 20%	30	25.2	320	0.36	450
MW3225-R33M-LF	0.33 \pm 20%	30	25.2	300	0.40	400
MW3225-R39M-LF	0.39 \pm 20%	30	25.2	250	0.45	450
MW3225-R47M-LF	0.47 \pm 20%	30	25.2	220	0.50	450
MW3225-R56M-LF	0.56 \pm 20%	30	25.2	180	0.55	450
MW3225-R68M-LF	0.68 \pm 20%	30	25.2	160	0.60	450
MW3225-R82M-LF	0.82 \pm 20%	30	25.2	140	0.65	450
MW3225-1R0K-LF	1.0 \pm 10%	30	7.96	120	0.70	400
MW3225-1R2K-LF	1.2 \pm 10%	30	7.96	100	0.75	390
MW3225-1R5K-LF	1.5 \pm 10%	30	7.96	85	0.85	370
MW3225-1R8K-LF	1.8 \pm 10%	30	7.96	8	0.90	350
MW3225-2R2K-LF	2.2 \pm 10%	30	7.96	75	1.00	320
MW3225-2R7K-LF	2.7 \pm 10%	30	7.96	70	1.10	290
MW3225-3R3K-LF	3.3 \pm 10%	30	7.96	60	1.20	260
MW3225-3R9K-LF	3.9 \pm 10%	30	7.96	55	1.30	250
MW3225-4R7K-LF	4.7 \pm 10%	30	7.96	50	1.50	220
MW3225-5R6K-LF	5.6 \pm 10%	30	7.96	47	1.60	200
MW3225-6R8K-LF	6.8 \pm 10%	30	7.96	43	1.80	180
MW3225-8R2K-LF	8.2 \pm 10%	30	7.96	40	2.00	170
MW3225-100K-LF	10.0 \pm 10%	30	2.52	36	2.10	150
MW3225-120K-LF	12.0 \pm 10%	30	2.52	33	2.50	140
MW3225-150K-LF	15.0 \pm 10%	30	2.52	28	2.80	130
MW3225-180K-LF	18.0 \pm 10%	30	2.52	25	3.30	120
MW3225-220K-LF	22.0 \pm 10%	30	2.52	23	3.70	110
MW3225-270K-LF	27.0 \pm 10%	30	2.52	18	5.00	80
MW3225-330K-LF	33.0 \pm 10%	30	2.52	17	5.60	70
MW3225-390K-LF	39.0 \pm 10%	30	2.52	16	6.40	65
MW3225-470K-LF	47.0 \pm 10%	30	2.52	15	7.00	60
MW3225-560K-LF	56.0 \pm 10%	30	2.52	13	8.00	55
MW3225-680K-LF	68.0 \pm 10%	30	2.52	12	9.00	50
MW3225-820K-LF	82.0 \pm 10%	30	2.52	11	10.00	45
MW3225-101K-LF	100 \pm 10%	20	0.769	10	11.00	40

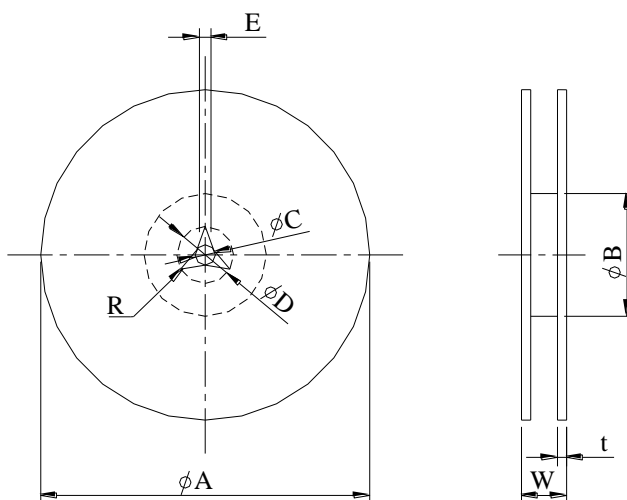
Operating temperature range : from -40 to +105°C



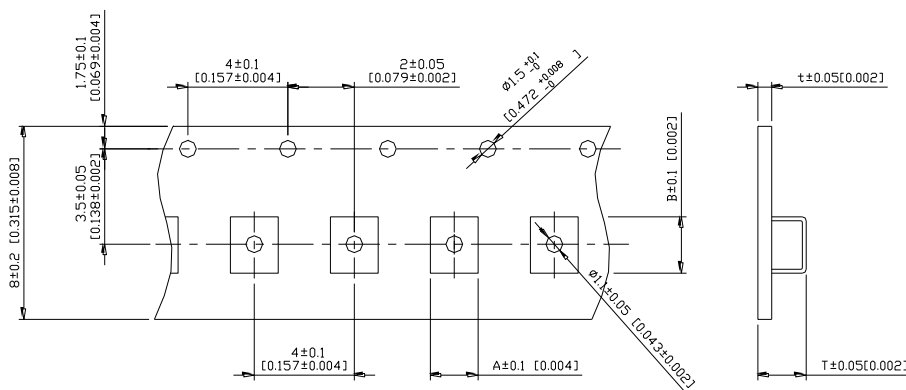
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PACKAGING SPECIFICATION



	A	B	C	D	E	W8	W12	t	R
T($\psi 178\text{mm}$) Reel	$\psi 178 \pm 2$	$\psi 60 \pm 1$	$\psi 13 \pm 0.8$	$\psi 21 \pm 0.8$	2	10 ± 1.5	14.5 ± 1.5	1.27 ± 0.2	1



TYPE	A	B	T	t	T($\psi 178\text{mm}$)	T($\psi 330\text{mm}$)
MW3225	2.90	3.60	1.70	0.25	2000 pcs/reel	-