

ML2016HP SERIES - Multilayer Power Chip Inductors

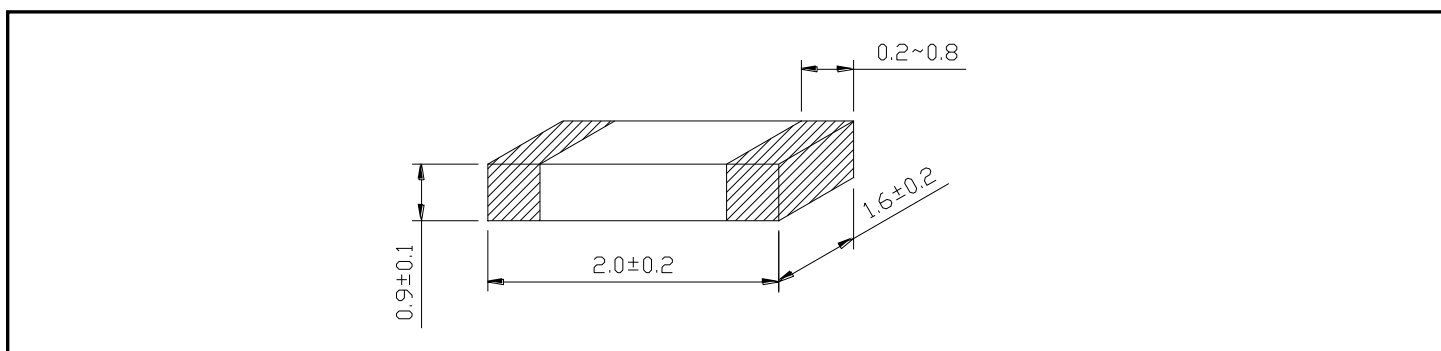


PART NUMBERING SYSTEM

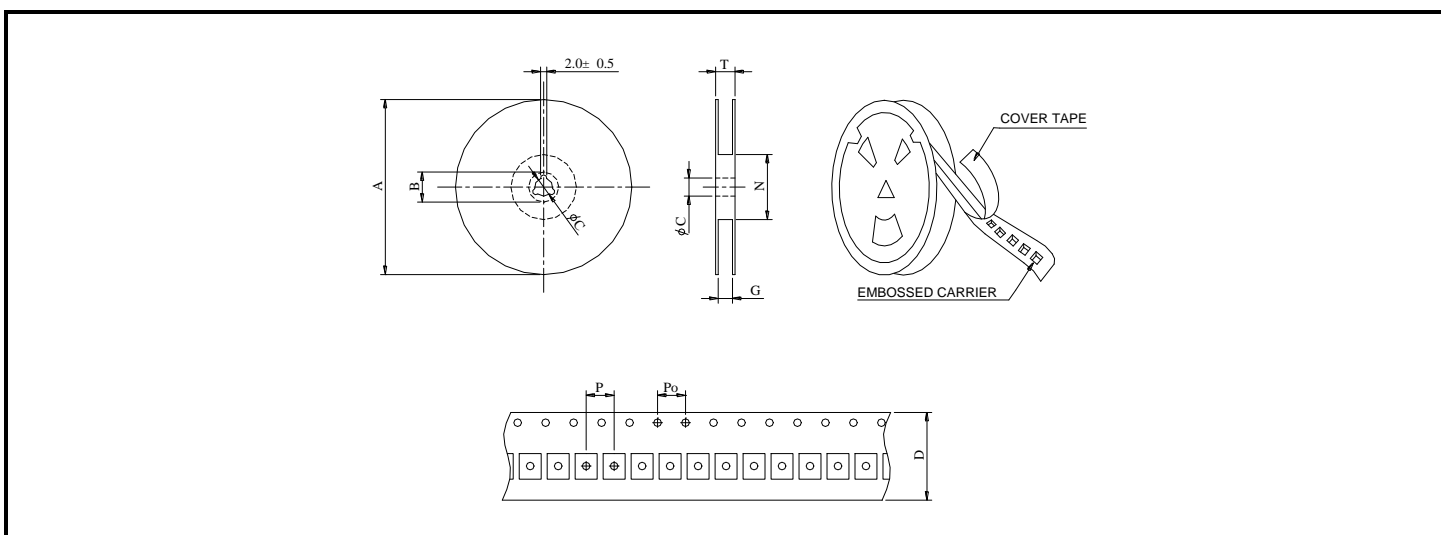
ML	2016HP	—	1R5M	—	LF
TYPE	DIMENSIONS		INDUCTANCE		LEAD FREE

SHAPES AND DIMENSIONS

UNIT : mm



PACKAGING SPECIFICATION



SERIES	STAYLE	Q'TY (PCS)	DIMENSIONS (m/m)								
			A	B±0.8	C±0.5	D	G ⁺	N ⁰	P	Po	T
ML2016HP	178	3,000	178	21	13	8	18	50	4	4	22.4



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SPECIFICATION TABLE

PART NUMBER	INDUCTANCE (μ H)	DCR (Ω) (max)	L TEST FREQUENCY	RATED CURRENT (mA) Max.	SRF MHz (Min.)
ML2016HP-R47M-LF	0.47 \pm 20%	0.14 \pm 25%	1MHz /250mV	1500	100
ML2016HP-R68M-LF	0.68 \pm 20%	0.15 \pm 25%	1MHz /250mV	1500	90
ML2016HC-R82M-LF	0.82 \pm 20%	0.16 \pm 25%	1MHz /250mV	1500	80
ML2016HC-1R0M-LF	1.0 \pm 20%	0.16 \pm 25%	1MHz /250mV	1400	60
ML2016HC-1R2M-LF	1.2 \pm 20%	0.16 \pm 25%	1MHz /250mV	1400	60
ML2016HC-1R5M-LF	1.5 \pm 20%	0.20 \pm 25%	1MHz /250mV	1200	50
ML2016HC-1R8M-LF	1.8 \pm 20%	0.20 \pm 25%	1MHz /250mV	1200	50
ML2016HC-2R2M-LF	2.2 \pm 20%	0.22 \pm 25%	1MHz /250mV	1200	40
ML2016HC-3R3M-LF	3.3 \pm 20%	0.23 \pm 25%	1MHz /250mV	1100	30
ML2016HC-4R7M-LF	4.7 \pm 20%	0.30 \pm 25%	1MHz /250mV	1100	20

- Multilayer Ferrite Power Chip Inductors .
- Thickness = 0.90mm \pm 0.10mm
- Test Equipment : HP-E4991A Impedance Analyzer Meter or equivalent .
- Operating Temperature Range: -55 to +125°C
- Class of Magnetic Shield: Magnetic shield of ferrite
- Packing : 7" reel, machine-ready ,embossed plastic tape (3,000 parts per full reel).