

## Wirewound Miniature High Current Inductors - ML201610QS

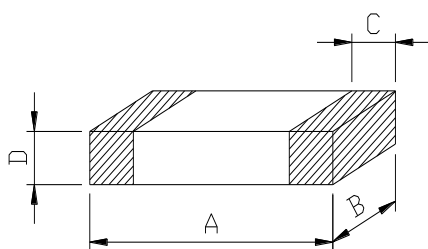


### PART NUMBERING SYSTEM

<b>ML</b>	<b>201610QS</b>	—	<b>1R0M</b>	—	<b>LF</b>
TYPE	DIMENSIONS		INDUCTANCE		LEAD FREE

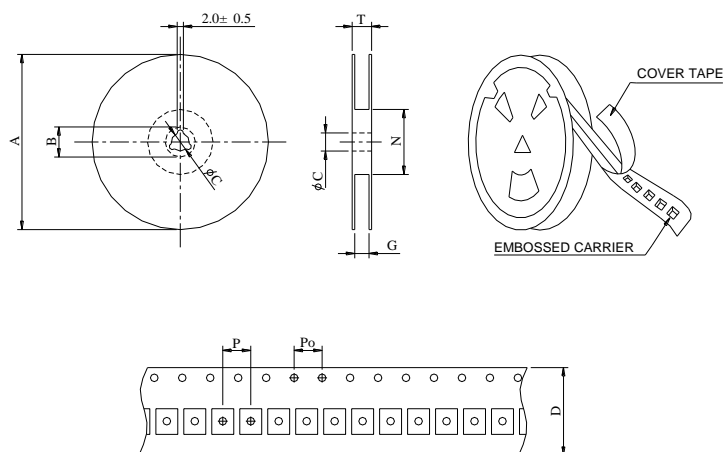
### SHAPES AND DIMENSIONS

UNIT : mm



A= 2.0±0.3    B=1.6±0.3    C=0.6±0.3    D=1.0 Max.

### PACKAGING SPECIFICATION



SERIES	STAYLE	Q'TY (PCS)	DIMENSIONS (m/m)								
			A	B±0.8	C±0.5	D	G <sup>+0</sup>	N <sup>-0</sup>	P	Po	T
ML201610QS	178	3,000	178	21	13	8	18	50	4	4	22.4



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### SPECIFICATION TABLE

PART NUMBER	INDUCTANCE ( $\mu$ H)	DCR (m $\Omega$ ) (Typ.)	DCR (m $\Omega$ ) (Max.)	Isat(A) Typ.	Irms(A) Typ.
ML201610QS-R10M-LF	0.1 $\pm$ 20%	10	12	9.0	6.0
ML201610QS-R24M-LF	0.24 $\pm$ 20%	17	20	6.8	5.8
ML201610QS-R33M-LF	0.33 $\pm$ 20%	21	26	6.7	4.7
ML201610QS-R47M-LF	0.47 $\pm$ 20%	23	30	6.1	4.5
ML201610QS-1R0M-LF	1.0 $\pm$ 20%	48	60	3.9	3.2
ML201610QS-1R5M-LF	1.5 $\pm$ 20%	86	99	3.4	2.4
ML201610QS-2R2M-LF	2.2 $\pm$ 20%	117	140	2.6	2.2
ML201610QS-4R7M-LF	4.7 $\pm$ 20%	240	288	1.8	1.3

- Multilayer Ferrite Power Chip Inductors .
- Test Frequency at 1MHz /250mV
- 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).