

ML2012HP-A SERIES – Multilayer Power Chip Inductors

/ High Current Chip Inductors



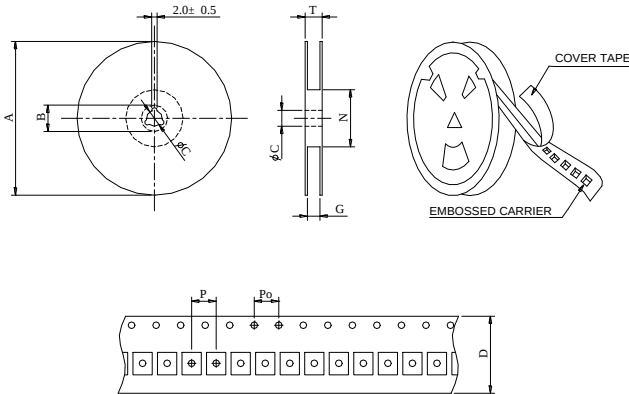
PART NUMBERING SYSTEM

<u>ML</u>	<u>2012HP</u>	—	<u>2R2M</u>	—	<u>0.9A</u>	—	<u>LF</u>
TYPE	DIMENSIONS		INDUCTANCE		DC CURRENT		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 ⁺ 0	N ⁰	P	Po	T
ML2012HP	178	4000	178	21	13	8	18	50	4	4	22.4



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SPECIFICATION TABLE

PART NUMBER	INDUCTANCE (μH)	DCR (Ω) (max)	L TEST FREQUENCY	RATED CURRENT (mA) Max.
ML2012HP-1R0M-1.1A-LF	1.0±20%	0.18±30%	1MHz /200mV	1,100
ML2012HP-1R5M-1.0A-LF	1.5±20%	0.19±30%	1MHz /200mV	1,000
ML2012HP-2R2M-0.9A-LF	2.2±20%	0.22±30%	1MHz /200mV	900
ML2012HP-3R3M-0.7A-LF	3.3±20%	0.25±30%	1MHz /200mV	700
ML2012HP-4R7M-0.6A-LF	4.7±20%	0.35±30%	1MHz /200mV	600

- Multilayer Ferrite Power Chip Inductors .
- Thickness = 0.90mm±0.10mm
- Test Equipment : HP-E4991A Impedance Analyzer Meter or equivalent .
- Operating Temperature Range: -55°C to +125°C
- Class of Magnetic Shield: Magnetic shield of ferrite
- Packing : 7" reel, machine-ready ,embossed plastic tape (4,000 parts per full reel).

