

ECN/PCN No.: M1314

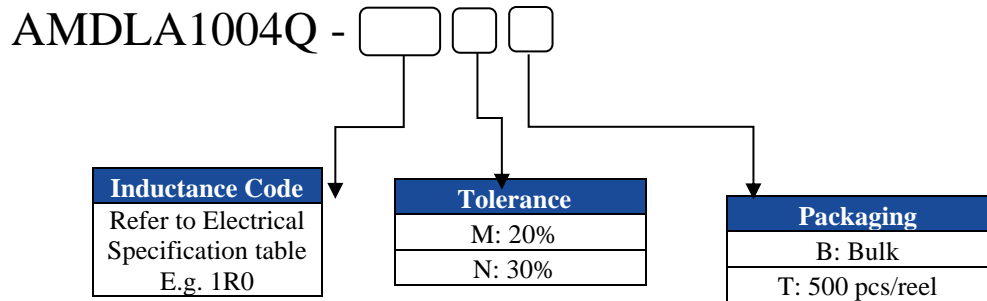
For Manufacturer			
Product Description: MOLDED INDUCTOR	Abracon Part Number / Part Series: AMDLA1004Q	<input type="checkbox"/> Documentation only	<input checked="" type="checkbox"/> Series
		<input checked="" type="checkbox"/> ECN	<input type="checkbox"/> Part Number
		<input type="checkbox"/> EOL	
Affected Revision: Initial Release	New Revision: A	Application:	<input type="checkbox"/> Safety
			<input checked="" type="checkbox"/> Non-Safety

Prior to Change:

2.0 Key Standard Electrical Specifications @ 25°C

Part Number*	Inductance (uH)	Tolerance (%)	Irms (A)	Isat (A)	DC Resistance (mΩ)		Type
					Typ	Max	
AMDLA1004Q-R15NT	0.15	30	44	82	0.5	0.6	Non-Lead Frame
AMDLA1004Q-R22MT	0.22	20	36	70	0.72	0.83	Non-Lead Frame
AMDLA1004Q-R36MT	0.36	20	33	51	1.05	1.18	Non-Lead Frame
AMDLA1004Q-R42MT	0.42	20	32.5	50	1.15	1.3	Non-Lead Frame
AMDLA1004Q-R47MT	0.47	20	32	46	1.3	1.5	Non-Lead Frame
AMDLA1004Q-R56MT	0.56	20	25	34	1.6	1.8	Non-Lead Frame
AMDLA1004Q-R68MT	0.68	20	23	31	1.9	2.2	Non-Lead Frame
AMDLA1004Q-1R0MT	1	20	20	29	2.9	3.25	Non-Lead Frame
AMDLA1004Q-1R5MT	1.5	20	17.5	26	3.7	4.2	Non-Lead Frame
AMDLA1004Q-2R2MT	2.2	20	15	20	5.8	6.7	Lead Frame
AMDLA1004Q-3R3MT	3.3	20	11	17.5	10.5	11.8	Lead Frame
AMDLA1004Q-4R7MT	4.7	20	8.8	15.2	15.8	19	Lead Frame
AMDLA1004Q-5R6MT	5.6	20	8.0	14.1	19	22.8	Lead Frame
AMDLA1004Q-6R8MT	6.8	20	7.8	12.2	22	24.5	Lead Frame
AMDLA1004Q-8R2MT	8.2	20	7.6	9.5	25	28	Lead Frame
AMDLA1004Q-100MT	10	20	7.5	8.6	27	30	Lead Frame
AMDLA1004Q-150MT	15	20	6.25	7.0	41	45	Lead Frame
AMDLA1004Q-220MT	22	20	5.0	6.2	58	66	Lead Frame
AMDLA1004Q-330MT	33	20	4.4	5.5	84	91	Lead Frame
AMDLA1004Q-470MT	47	20	3.5	4.0	125	143	Lead Frame
AMDLA1004Q-680MT	68	20	2.6	3.2	184	210	Lead Frame
AMDLA1004Q-820MT	82	20	2.3	3.0	240	270	Lead Frame
AMDLA1004Q-101MT	100	20	2.0	2.7	270	310	Lead Frame

* Please refer to Part Identification Section

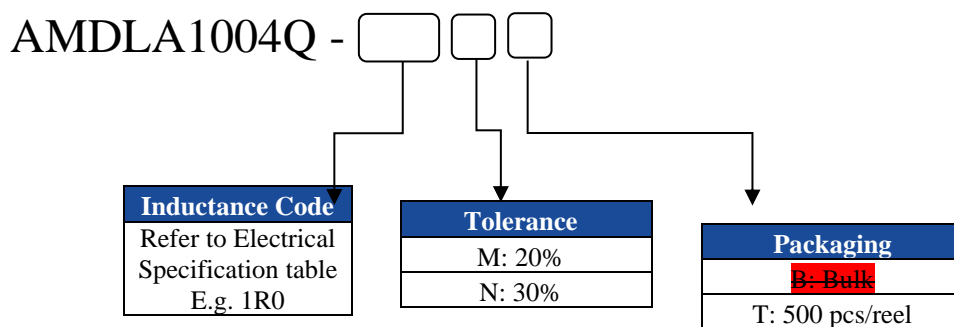
3.0 Part Identification

2.0 Packaging

Tape and Reel: 500
 Pieces per Carton: 4,000
 T&R per Carton: 8
 Weight per Carton: 13.9kg
 Weight per Piece: 2.2g
 Carton Dimensions: 410 x 325 x 415mm

After Change:
4.0 Key Standard Electrical Specifications @ 25°C

Part Number*	Inductance (uH)	Tolerance (%)	I _{rms} (A)	I _{sat} (A)	DC Resistance (mΩ)		Type
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5.0 Part Identification

2.0 Packaging

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~~Carton Dimensions: 410 x 325 x 415mm~~

Cause/Reason for Change: 1R8 and 2R0 were added to the series; part identification section was updated; part of Packaging information was removed.

Change Plan

Effective Date:	Additional Remarks:
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Change Declaration: The change does not affect form, fit, or function of any device in the series

Issued Date: 10/13/2021	Issued By: <i>Ahmed Alamin</i>	Issued Department: Engineering
Approval: <i>Syed Raza</i> Engineering VP	Approval: <i>Reuben Quintanilla</i> Quality Director	Approval: <i>Ying Huang</i> Purchasing Director

For Abracon EOL only

Last Time Buy (if applicable):	Alternate Part Number / Part Series:
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Additional Approval:	Additional Approval:	Additional Approval:
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Customer Approval (If Applicable)

Qualification Status:

Approved Not accepted

Note: It is considered approved if there is no feedback from the customer 1 month after ECN/PCN is released.

Customer Part Number:	Customer Project:
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Company Name:	Company Representative:	Representative Signature:
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Customer Remarks: