

ECN/PCN No.: M1319

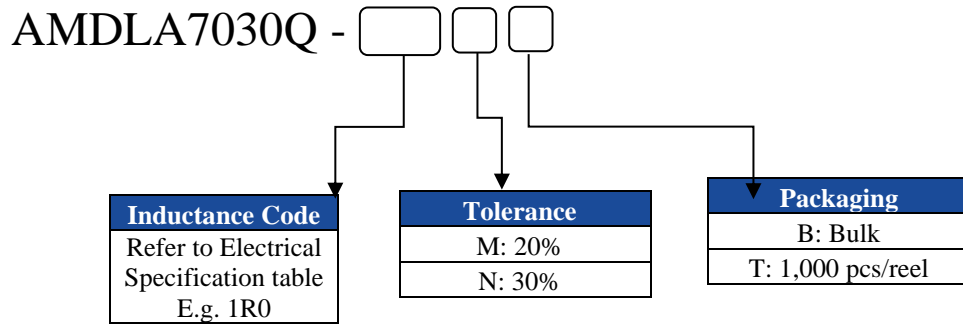
For Manufacturer			
Product Description: MOLDED INDUCTOR	Abracon Part Number / Part Series: AMDLA7030Q	<input type="checkbox"/> Documentation only <input checked="" type="checkbox"/> ECN <input type="checkbox"/> EOL	<input checked="" type="checkbox"/> Series <input type="checkbox"/> Part Number
Affected Revision: A	New Revision: B	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	
AMDLA7030Q-R15NT	0.15	30	25.0	36.0	1.7	2.1	Lead Frame
AMDLA7030Q-R22MT	0.22	20	21.0	32.0	2.0	2.5	Lead Frame
AMDLA7030Q-R33MT	0.33	20	20.0	22.0	2.8	3.4	Lead Frame
AMDLA7030Q-R36MT	0.36	20	18.0	21.0	3.3	3.9	Lead Frame
AMDLA7030Q-R47MT	0.47	20	16.0	18.0	3.4	4.0	Lead Frame
AMDLA7030Q-R56MT	0.56	20	15.0	16.0	3.9	4.5	Lead Frame
AMDLA7030Q-R68MT	0.68	20	14.5	15.0	4.7	5.3	Lead Frame
AMDLA7030Q-R82MT	0.82	20	13.0	14.0	5.4	6.0	Lead Frame
AMDLA7030Q-1R0MT	1	20	11.0	13.5	5.7	7.4	Lead Frame
AMDLA7030Q-1R2MT	1.2	20	9.5	12.5	7.7	9.5	Lead Frame
AMDLA7030Q-1R5MT	1.5	20	9.0	12.0	10.2	12.1	Lead Frame
AMDLA7030Q-2R2MT	2.2	20	7.5	9.0	13.5	15.0	Lead Frame
AMDLA7030Q-2R7MT	2.7	20	7.0	8.8	17.3	20.0	Lead Frame
AMDLA7030Q-3R3MT	3.3	20	6.0	8.5	19.0	22.0	Lead Frame
AMDLA7030Q-4R7MT	4.7	20	5.0	5.5	28.0	33.0	Lead Frame
AMDLA7030Q-5R6MT	5.6	20	5.0	5.2	39.0	42.0	Lead Frame
AMDLA7030Q-6R8MT	6.8	20	4.2	5.0	43.0	50.0	Lead Frame
AMDLA7030Q-8R2MT	8.2	20	4.0	4.7	54.0	60.0	Lead Frame
AMDLA7030Q-100MT	10	20	3.5	4.5	62.0	68.0	Lead Frame
AMDLA7030Q-150MT	15	20	2.5	4.0	110	140	Lead Frame
AMDLA7030Q-220MT	22	20	2.0	2.5	150	190	Lead Frame
AMDLA7030Q-330MT	33	20	1.8	2.0	215	258	Lead Frame

* Please refer to Part Identification Section

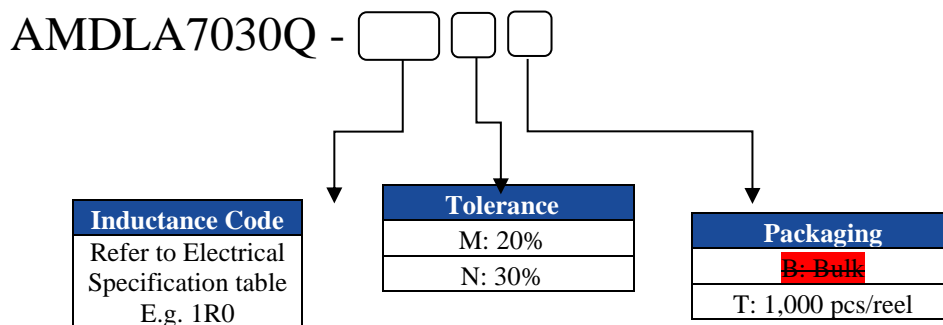
3.0 Part Identification

4.0 Packaging

Tape and Reel: 1,000
 Pieces per Carton: 8,000
 T&R per Carton: 8
 Weight per Carton: 11.0kg
 Weight per Piece: 0.7g
 Carton Dimensions: 410 x 325 x 415mm

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

Part Number*	Inductance (uH)	Tolerance (%)	Irms (A)	Isat (A)	DC Resistance (mΩ)		Type
					Typ	Max	
AMDLA7030Q-R15NT	0.15	30	25.0	36.0	1.7	2.1	Lead Frame
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AMDLA7030Q-R82MT	0.82	20	13.0	14.0	5.4	6.0	Lead Frame
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AMDLA7030Q-1R2MT	1.2	20	9.5	12.5	7.7	9.5	Lead Frame
AMDLA7030Q-1R5MT	1.5	20	9.0	12.0	10.2	12.1	Lead Frame
AMDLA7030Q-2R2MT	2.2	20	7.5	9.0	13.5	15.0	Lead Frame
AMDLA7030Q-2R7MT	2.7	20	7.0	8.8	17.3	20.0	Lead Frame
AMDLA7030Q-3R3MT	3.3	20	6.0	8.5	19.0	22.0	Lead Frame
AMDLA7030Q-4R7MT	4.7	20	5.0	5.5	28.0	33.0	Lead Frame
AMDLA7030Q-5R6MT	5.6	20	5.0	5.2	39.0	42.0	Lead Frame
AMDLA7030Q-6R8MT	6.8	20	4.2	5.0	43.0	50.0	Lead Frame
AMDLA7030Q-8R2MT	8.2	20	4.0	4.7	54.0	60.0	Lead Frame
AMDLA7030Q-100MT	10	20	3.5	4.5	62.0	68.0	Lead Frame
AMDLA7030Q-150MT	15	20	2.5	4.0	110	140	Lead Frame
AMDLA7030Q-220MT	22	20	2.0	2.5	150	190	Lead Frame
AMDLA7030Q-330MT	33	20	1.8	2.0	215	258	Lead Frame

* Please refer to Part Identification Section

6.0 Part Identification

7.0 Packaging

Tape and Reel: 1,000
~~Pieces per Carton: 8,000~~
~~T&R per Carton: 8~~
~~Weight per Carton: 11.0kg~~
~~Weight per Piece: 0.7g~~
~~Carton Dimensions: 410 x 325 x 415mm~~

Cause/Reason for Change: Part Identification and Packaging sections were updated; 330M Part has been removed from the series(refer to Partial EOL-PCN M1319 AMDLA7030Q)

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 serie.

Issued Date: 10/15/2021	Issued By: Ahmed Alamin	Issued Department: Engineering
Approval: Syed Raza Engineering VP	Approval: Reuben Quintanilla Quality Director	Approval: Ying Huang Purchasing Director

For Abracon EOL only

Last Time Buy (if applicable): N/A	Alternate Part Number / Part Series: N/A
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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: