

ECN/PCN No.: M1315

For Manufacturer			
Product Description: MOLDED INDUCTOR	Abracon Part Number / Part Series: AMDLA4530Q	<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: Initial Release	New Revision: A	Application:	<input type="checkbox"/> Safety <input checked="" type="checkbox"/> Non-Safety

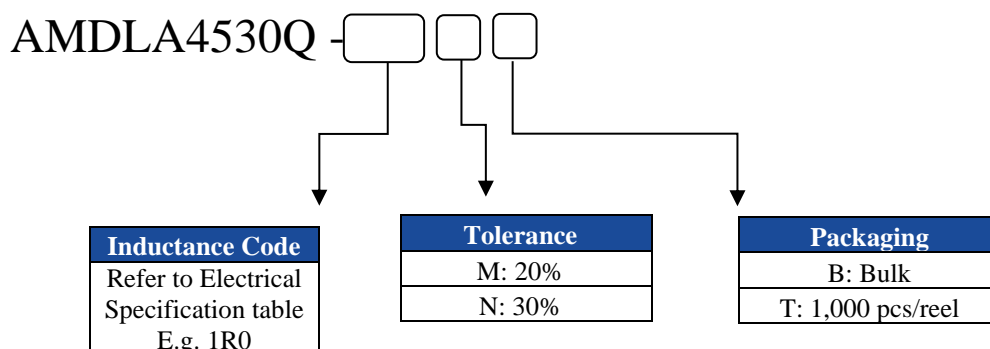
Prior to Change:

2.0 Key Standard Electrical Specifications @ 25°C

Part Number*	Inductance (uH)	Tolerance (%)	Irms (A)	Isat (A)	DC Resistance (mΩ)		Type
					Typ	Max	
AMDLA4530Q-R10NT	0.10	30	32	32	1.8	2.1	Lead Frame
AMDLA4530Q-R12NT	0.12	30	30	30	2.0	2.3	Lead Frame
AMDLA4530Q-R22MT	0.22	20	18	17	2.8	3.2	Lead Frame
AMDLA4530Q-R35MT	0.35	20	16.5	15	4.6	5.1	Lead Frame
AMDLA4530Q-R47MT	0.47	20	16	11	5.5	6.4	Lead Frame
AMDLA4530Q-R68MT	0.68	20	12	9.0	7.0	8.4	Lead Frame
AMDLA4530Q-1R0MT	1	20	8.5	8.5	12.8	13.8	Lead Frame
AMDLA4530Q-1R2MT	1.2	20	7.2	7.6	14	16	Lead Frame
AMDLA4530Q-1R5MT	1.5	20	6.6	6.3	16	21	Lead Frame
AMDLA4530Q-2R2MT	2.2	20	6.0	5.7	23	27.6	Lead Frame
AMDLA4530Q-3R3MT	3.3	20	5.5	5.0	30	36	Lead Frame
AMDLA4530Q-4R7MT	4.7	20	5.0	4.0	43	52	Lead Frame

* Please refer to Part Identification Section

3.0 Part Identification



4.0 Packaging

Tape and Reel: 1,000
 Pieces per Carton: 8000
 T&R per Carton: 8
 Weight per Carton: 7.9kg
 Weight per Piece: 0.34g
 Carton Dimensions: 410 x 325 x 415mm

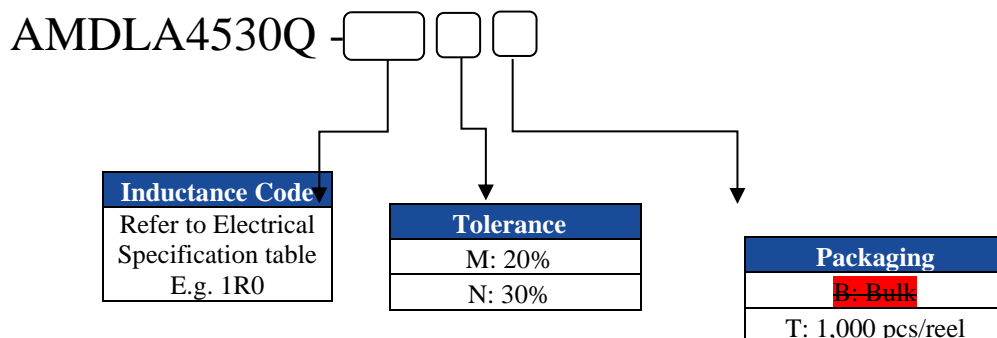
After Change:

5.0 Key Standard Electrical Specifications @ 25°C

Part Number*	Inductance (uH)	Tolerance (%)	Irms (A)	Isat (A)	DC Resistance (mΩ)		Type
					Typ	Max	
AMDLA4530Q-R10NT	0.10	30	32	32	1.8	2.1	Lead Frame
AMDLA4530Q-R12NT	0.12	30	30	30	2.0	2.3	Lead Frame
AMDLA4530Q-R22MT	0.22	20	18	17	2.8	3.2	Lead Frame
AMDLA4530Q-R35MT	0.35	20	16.5	15	4.6	5.1	Lead Frame
AMDLA4530Q-R47MT	0.47	20	16	11	5.5	6.4	Lead Frame
AMDLA4530Q-R68MT	0.68	20	12	9.0	7.0	8.4	Lead Frame
AMDLA4530Q-1R0MT	1	20	8.5	8.5	12.8	13.8	Lead Frame
AMDLA4530Q-1R2MT	1.2	20	7.2	7.6	14	16	Lead Frame
AMDLA4530Q-1R5MT	1.5	20	6.6	6.3	16	21	Lead Frame
AMDLA4530Q-2R2MT	2.2	20	6.0	5.7	23	27.6	Lead Frame
AMDLA4530Q-3R3MT	3.3	20	5.5	5.0	30	36	Lead Frame
AMDLA4530Q-4R7MT	4.7	20	5.0	4.0	43	52	Lead Frame

* Please refer to Part Identification Section

6.0 Part Identification



7.0 Packaging

Tape and Reel: 1,000
~~Pieces per Carton: 8000~~
~~T&R per Carton: 8~~
~~Weight per Carton: 7.9kg~~
~~Weight per Piece: 0.34g~~
~~Carton Dimensions: 410 x 325 x 415mm~~

Cause/Reason for Change: Part Identification section was updated; part of the information in Packaging section was removed; removed R35 from the series (refer to ECN-Partial EOL M1315 AMDLA4530Q)

Change Plan

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

Issued Date: 10/14/2021	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):	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: