

ECN/PCN No.: M1315

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

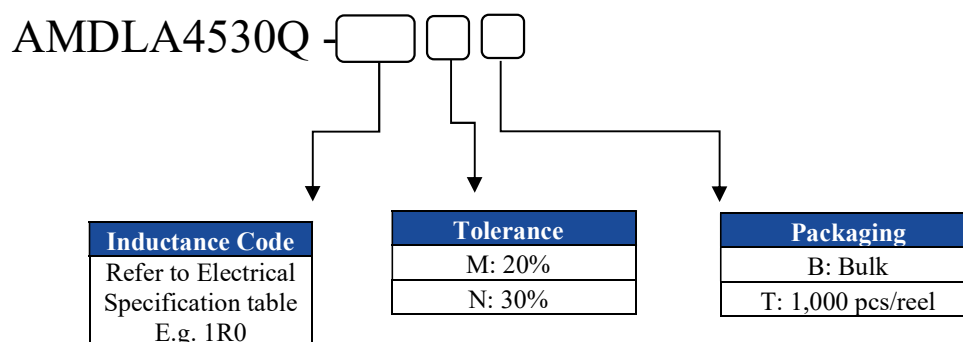
Prior to Change:

### 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

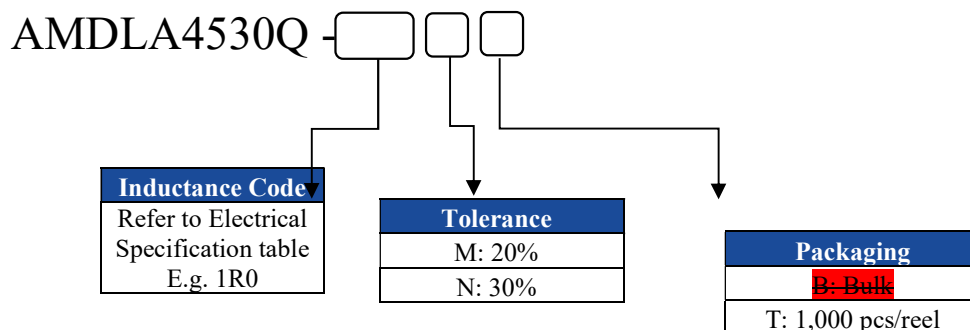
After Change:

## 5.0 Key Standard Electrical Specifications @ 25°C

Part Number*	Inductance (uH)	Tolerance (%)	I <sub>rms</sub> (A)	I <sub>sat</sub> (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:**

**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:**

**Additional Approval:**

**Additional Approval:**

**Additional Approval:**

### 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:**

**Company Name:**

**Company Representative:**

**Representative Signature:**

**Customer Remarks:**