

ECN/PCN No.: M1244

For Manufacturer			
<b>Product Description:</b> Molded Inductor	<b>Abracon Part Number / Part Series:</b> AMDLA3020Q	<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 (%)	I <sub>rms</sub> (A)	I <sub>sat</sub> (A)	DC Resistance (mΩ)		Type
					Typ	Max	
AMDLA3020Q-R22MT	0.22	20	10	16	8.0	10	Lead Frame
AMDLA3020Q-R33MT	0.33	20	9.0	14	12	15	Lead Frame
AMDLA3020Q-R47MT	0.47	20	8.0	12	15	18	Lead Frame
AMDLA3020Q-R68MT	0.68	20	7.0	10	22	26	Lead Frame
AMDLA3020Q-1R0MT	1	20	5.0	8.0	25	30	Lead Frame
AMDLA3020Q-1R5MT	1.5	20	4.2	6.0	34	39	Lead Frame
AMDLA3020Q-2R2MT	2.2	20	3.3	4.8	60	69	Lead Frame
AMDLA3020Q-3R3MT	3.3	20	2.8	4.0	70	83	Lead Frame
AMDLA3020Q-4R7MT	4.7	20	2.4	3.5	120	144	Lead Frame
AMDLA3020Q-6R8MT	6.8	20	1.6	3.0	153	184	Lead Frame
AMDLA3020Q-100MT	10	20	1.3	1.8	224	260	Lead Frame

### 3.0 Packaging

Tape and Reel: 3,000  
~~Pieces per Carton: 24,000~~  
~~T&R per Carton: 8~~  
~~Weight per Carton: 13.5 kg~~  
~~Weight per Piece: 0.45 g~~  
~~Carton Dimensions: 360x360x400 mm~~

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

Part Number*	Inductance (uH)	Tolerance (%)	Irms (A)	Isat (A)	DC Resistance (mΩ)		Type
					Typ	Max	
AMDLA3020Q-R22MT	0.22	20	9	12	8.0	10	Lead Frame
AMDLA3020Q-R33MT	0.33	20	8.0	8.5	12	15	Lead Frame
AMDLA3020Q-R47MT	0.47	20	7.0	8.0	15	18	Lead Frame
AMDLA3020Q-R68MT	0.68	20	6.0	6.0	22	26	Lead Frame
AMDLA3020Q-1R0MT	1	20	5.0	5.5	32	36	Lead Frame
AMDLA3020Q-1R5MT	1.5	20	4.2	4.5	34	39	Lead Frame
AMDLA3020Q-2R2MT	2.2	20	2.9	4.0	60	69	Lead Frame
AMDLA3020Q-3R3MT	3.3	20	2.6	3.7	77	94	Lead Frame
AMDLA3020Q-4R7MT	4.7	20	2.3	3.0	120	144	Lead Frame
AMDLA3020Q-6R8MT	6.8	20	1.6	2.1	185	220	Lead Frame
AMDLA3020Q-100MT	10	20	1.2	1.4	224	260	Lead Frame

**5.0 Packaging**

Tape and Reel: 3,000

**Cause/Reason for Change:** Revised Currents specs and DCR values. Removed packaging information

**Change Plan**

<b>Effective Date:</b> 7/7/2021	<b>Additional Remarks:</b>
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**Change Declaration:** The change does not affect form or fit of the devices in the series. Update to currents specs and DCR values. Removed packaging information

<b>Issued Date:</b> 6/29/2021	<b>Issued By:</b> Ahmed Alamin	<b>Issued Department:</b> Engineering
<b>Approval:</b> Syed Raza Engineering VP	<b>Approval:</b> Reuben Quintanilla Quality Director	<b>Approval:</b> Ying Huang Purchasing Director

**For Abracon EOL only**

<b>Last Time Buy (if applicable):</b>	<b>Alternate Part Number / Part Series:</b>
<b>Additional Approval:</b>	<b>Additional Approval:</b>

**Customer Approval (If Applicable)**

<b>Qualification Status:</b>
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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:**