

**ECN/PCN No.: M1151**

### For Manufacturer

<b>Product Description:</b> Shielded Axial Inductor		<b>Abracon Part Number / Part Series:</b> AIAS-03-104		<input type="checkbox"/> Series
				<input checked="" type="checkbox"/> Part Number
<b>Affected Revision:</b> IR	<b>New Revision:</b> A	<b>Application</b>		<input type="checkbox"/> Safety
				<input checked="" type="checkbox"/> Non-Safety

**Prior to Change:**

**Section 1.0**  
**Key Electrical Specifications (last table)**

Part No. AIAS-03- Inductance Code	L(μH)	Tolerance	Q (min)	L, Q Test Freq.	SRF(MHz)	DCR(Ω)	I <sub>SAT</sub> (mA)
				(MHz)	(min)	(max)	(max)
AIAS-03-101	100	J, K	50	2.5	10.0	3.12	120
AIAS-03-121	120	J, K	55	0.79	9.7	3.60	95
AIAS-03-151	150	J, K	55	0.79	8.5	4.10	90
AIAS-03-181	180	J, K	55	0.79	8.0	4.40	85
AIAS-03-221	220	J, K	55	0.79	7.5	5.0	80
AIAS-03-271	270	J, K	55	0.79	7.0	5.8	70
AIAS-03-331	330	J, K	55	0.79	6.5	6.4	65
AIAS-03-391	390	J, K	60	0.79	6.2	7.4	60
AIAS-03-471	470	J, K	60	0.79	5.7	9.5	58
AIAS-03-561	560	J, K	60	0.79	4.7	10.5	55
AIAS-03-681	680	J, K	60	0.79	4.5	11.8	50
AIAS-03-821	820	J, K	57	0.79	4.2	13.0	45
AIAS-03-102	1000	J, K	65	0.79	3.8	17.5	40
AIAS-03-122	1200	J, K	45	0.25	1.5	22.1	35
AIAS-03-152	1500	J, K	45	0.25	1.2	26.5	33
AIAS-03-182	1800	J, K	45	0.25	1.0	29.9	30
AIAS-03-222	2200	J, K	45	0.25	0.97	33.8	27
AIAS-03-272	2700	J, K	45	0.25	0.92	47.3	25
AIAS-03-332	3300	J, K	45	0.25	0.84	53.0	22
AIAS-03-392	3900	J, K	45	0.25	0.8	73.8	20
AIAS-03-472	4700	J, K	45	0.25	0.74	81.6	19
AIAS-03-562	5600	J, K	44	0.25	0.73	98.9	17
AIAS-03-682	6800	J, K	40	0.25	0.66	111	16
AIAS-03-822	8200	J, K	40	0.25	0.54	119	15
AIAS-03-103	10000	J, K	40	0.25	0.47	137	14
AIAS-03-123	12000	J, K	30	0.079	0.33	143	13
AIAS-03-153	15000	J, K	30	0.079	0.29	157	12
AIAS-03-183	18000	J, K	30	0.079	0.28	175	10
AIAS-03-223	22000	J, K	27	0.079	0.25	274	9
AIAS-03-273	27000	J, K	27	0.079	0.21	308	8
AIAS-03-333	33000	J, K	27	0.079	0.19	343	7.5
AIAS-03-393	39000	J, K	27	0.079	0.17	376	6
AIAS-03-473	47000	J, K	23	0.079	0.16	473	5.5
AIAS-03-563	56000	J, K	23	0.079	0.14	512	5
AIAS-03-683	68000	J, K	23	0.079	0.13	580	4
AIAS-03-823	82000	J, K	21	0.079	0.12	618	3.5
<b>AIAS-03-104</b>	<b>100000</b>	<b>J, K</b>	<b>18</b>	<b>0.079</b>	<b>0.11</b>	<b>678</b>	<b>3</b>

After Change:

### Section 1.0

#### Key Electrical Specifications (last table)

Part No. AIAS-03- Inductance Code	L(μH)	Tolerance	Q (min)	L, Q Test Freq.	SRF(MHz)	DCR(Ω)	ISAT(mA)
				(MHz)	(min)	(max)	(max)
AIAS-03-101	100	J, K	50	2.5	10.0	3.12	120
AIAS-03-121	120	J, K	55	0.79	9.7	3.60	95
AIAS-03-151	150	J, K	55	0.79	8.5	4.10	90
AIAS-03-181	180	J, K	55	0.79	8.0	4.40	85
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AIAS-03-332	3300	J, K	45	0.25	0.84	53.0	22
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AIAS-03-823	82000	J, K	21	0.079	0.12	618	3.5

**Cause/Reason for Change:**

The AIAS-03-104 device has been discontinued due to high defect rate.

Change Plan	Effective Date:	Additional Remarks:
	2/25/2020	N/A

**Change Declaration:**

The AIAS-03-104 device has been discontinued and does not affect other devices in the series.

Issued Date:	Issued By:	Issued Department:
2/25/2020		

## Engineering/Process Change Notice

<b>Approval:</b>	<b>Approval:</b>	<b>Approval:</b>
<b>For Abracon EOL only</b>		
<b>Last Time Buy (if applicable):</b> N/A	<b>Alternate Part Number / Part Series:</b> N/A	
<b>Additional Approval:</b> N/A	<b>Additional Approval:</b> N/A	<b>Additional Approval:</b> N/A
<b>Customer Approval (If Applicable)</b>		
<b>Qualification Status:</b> <input type="checkbox"/> Approved <input type="checkbox"/> Not accepted Note: It is considered approved if there is no feedback from customer 1 month after ECN/PCN is released		
<b>Customer Part Number:</b>	<b>Customer Project:</b>	
<b>Company Name:</b>	<b>Company Representative:</b>	<b>Representative Signature:</b>
<b>Customer Remarks:</b>		