

**ABRACON, LLC
ENGINEERING/PROCESS CHANGE NOTIFICATION FORM**

ABRACON ENGINEERING ORIGINATOR:

IMPLEMENTATION DATE: 11/02//2016

SCD/DRAWING AFFECTED:

[AIMC-0402-series Multilayer Ceramic
Chip Inductor](#)

NOTIFICATION DATE:

11/02/2016

Current REV: H

NEW REV: __I__

EFFECTIVITY DATE: 11/02//2016

ECO# **M932**

REASON FOR CHANGE:

Specification change

Multiple part numbers have Q values and DCR values adjusted.

DETAILS OF SPECIFICATION CHANGE:

See below attached table of Key Electrical Specifications for each AIMC part number for values before this ECN and current values pertaining to this ECN.

APPLICATION INFORMATION

Safety

Non Safety

Application:

(Check one)

DISPOSITION OF CURRENT STOCK

Scrap

Transfer to: _____

Use as is

Return to vendor

ABRACON INTERNAL APPROVAL:

_____	_____
_____	_____
_____	_____
_____	_____
_____	_____
_____	_____

CUSTOMER APPROVAL (If Applicable)

Rev. H. (before this ECN change)

1.0 Key Electrical Specifications

Part No.	L(nH)	Tolerance	L,Q Test Freq. (MHz)	Q (MIN)	SRF(MHz) (min)	DCR(Ω) (max)	Ir(mA) (max)
AIMC-0402-1N0	1.0	C, S	100	9	10000	0.08	400
AIMC-0402-1N2	1.2	C, S	100	9	10000	0.08	400
AIMC-0402-1N5	1.5	C, S	100	9	6000	0.10	400
AIMC-0402-1N8	1.8	C, S	100	9	6000	0.12	400
AIMC-0402-2N2	2.2	C, S	100	9	6000	0.12	400
AIMC-0402-2N7	2.7	C, S	100	9	6000	0.13	400
AIMC-0402-3N3	3.3	C, S	100	9	6000	0.15	400
AIMC-0402-3N9	3.9	C, S	100	9	4500	0.21	400
AIMC-0402-4N7	4.7	C, S	100	9	4500	0.21	300
AIMC-0402-5N6	5.6	C, S	100	9	4000	0.23	300
AIMC-0402-6N8	6.8	C, S	100	9	4000	0.25	300
AIMC-0402-8N2	8.2	C, S	100	9	3600	0.35	300
AIMC-0402-10N	10	J	100	9	3200	0.42	300
AIMC-0402-12N	12	J	100	9	2800	0.50	300
AIMC-0402-15N	15	J	100	9	2500	0.60	300
AIMC-0402-18N	18	J	100	9	2200	0.80	300
AIMC-0402-22N	22	J	100	9	1900	0.85	300
AIMC-0402-27N	27	J	100	9	1600	1.00	300
AIMC-0402-33N	33	J	100	9	1300	1.00	200
AIMC-0402-39N	39	J	100	9	1200	1.30	200
AIMC-0402-47N	47	J	100	9	1000	1.50	200
AIMC-0402-56N	56	J	100	9	800	1.80	200
AIMC-0402-68N	68	J	100	9	800	1.95	180
AIMC-0402-82N	82	J	100	9	600	2.10	150
AIMC-0402-R10	100	J	100	9	600	2.50	150
AIMC-0402-R12	120	J	100	9	600	2.80	150

Rev. I. (Current, this ECN)

Part No.	L(nH)	Tolerance	L,Q Test Freq. (MHz)	Q (MIN)	SRF(MHz) (min)	DCR(Ω) (max)	Ir(mA) (max)
AIMC-0402-1N0	1.0	C, S	100	8	10000	0.10	400
AIMC-0402-1N2	1.2	C, S	100	8	10000	0.10	400
AIMC-0402-1N5	1.5	C, S	100	8	6000	0.10	300
AIMC-0402-1N8	1.8	C, S	100	8	6000	0.12	300
AIMC-0402-2N2	2.2	C, S	100	8	6000	0.20	300
AIMC-0402-2N7	2.7	C, S	100	8	6000	0.20	300
AIMC-0402-3N3	3.3	C, S	100	8	6000	0.20	300
AIMC-0402-3N9	3.9	C, S	100	8	4000	0.21	300
AIMC-0402-4N7	4.7	C, S	100	8	4000	0.21	300
AIMC-0402-5N6	5.6	C, S	100	8	4000	0.30	300
AIMC-0402-6N8	6.8	C, S	100	8	3900	0.30	300
AIMC-0402-8N2	8.2	C, S	100	8	3600	0.40	300
AIMC-0402-10N	10	J	100	8	3200	0.42	300
AIMC-0402-12N	12	J	100	8	2700	0.50	300
AIMC-0402-15N	15	J	100	8	2300	0.60	300
AIMC-0402-18N	18	J	100	8	2100	0.80	300
AIMC-0402-22N	22	J	100	8	1900	0.85	300
AIMC-0402-27N	27	J	100	8	1600	1.00	300
AIMC-0402-33N	33	J	100	8	1300	1.00	200
AIMC-0402-39N	39	J	100	8	1200	1.30	200
AIMC-0402-47N	47	J	100	8	1000	1.50	200
AIMC-0402-56N	56	J	100	8	750	1.80	200
AIMC-0402-68N	68	J	100	8	750	1.95	180
AIMC-0402-82N	82	J	100	8	600	2.40	150
AIMC-0402-R10	100	J	100	8	600	2.60	150
AIMC-0402-R12	120	J	100	8	600	2.80	150