

PRODUCT CHANGE NOTICE PCN Form (D4-E000-73)

PCN#22-049

NOTIFICATION DATE: July 28, 2022

MODEL(S) AFFECTED:

K1-LFCW+	LFCW-5000-1+	LFCW-6840-1+	TB-LFCW-143+
LFCW-103+	LFCW-5000-2+	LFCW-7500+	TB-LFCW-5000+
LFCW-103-1F+	LFCW-5000-3+	LFCW-7500-1+	TB-LFCW-5500+
LFCW-113+	LFCW-5100-1+	LFCW-7790-1+	TB-LFCW-6000+
LFCW-123+	LFCW-5500+	LFCW-8400+	TB-LFCW-6300+
LFCW-123-1+	LFCW-6000+	LFCW-8400-1+	TB-LFCW-6500+
LFCW-123-2F+	LFCW-6000-1+	TB-LFCW-103+	TB-LFCW-7500+
LFCW-143+	LFCW-6300+	TB-LFCW-113+	TB-LFCW-8400+
LFCW-5000+	LFCW-6500+	TB-LFCW-123+	ZLFW-K143+

EXTENT OF CHANGE:

Change in maximum power at 25°C and the de-rated power specification at max operating temperature.

EFFECT OF CHANGE:

- No change in **FIT** (Dimension) or **FORM** (External appearance) or **Function** (performance).
- There is a change in specifications due to test procedure update

REASON FOR CHANGE:

Improved procedure to analyze power handling capability of LTCC models. Earlier power handling test done at passband edge frequency. Updated procedure to test at 3db frequency point where the maximum power is dissipated.

EFFECTIVE DATE OF CHANGE:

Immediate

ATTACHMENTS:

Comparison of changes

QUESTIONS?

[PLEASE CONTACT US.](#)

08/15/22: Revised to include comparison table

AS9100 ISO9001 ISO14001 Certified to QMS and EMS

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Attachment A: Changes Comparison Table

S.No	Model#	Before change		After change	
		Max power at +25 degC (W)	De-rated Power (W)	Max power at +25degC (W)	De-rated Power at 125 degC (W)
1	K1-LFCW+	Refer individual model data sheet			
2	LFCW-103+	4	2 @100°C	2.5	0.7
3	LFCW-103-1F+	4	2 @100°C	2.5	0.7
4	LFCW-113+	4	2 @100°C	2.5	0.7
5	LFCW-123+	4	2 @100°C	2.5	0.7
6	LFCW-123-1+	4	2 @100°C	2.5	0.7
7	LFCW-123-2F+	4	2 @100°C	2.5	0.7
8	LFCW-143+	4	2 @100°C	2.5	0.7
9	LFCW-5000+	3	1.5 @100°C	2.5	0.7
10	LFCW-5000-1+	3	1.5 @100°C	2.5	0.7
11	LFCW-5000-2+	3	1.5 @100°C	2.5	0.7
12	LFCW-5000-3+	3	1.5 @100°C	2.5	0.7
13	LFCW-5100-1+	3	-	2.5	-
14	LFCW-5500+	3	3 @100°C	2.5	0.7
15	LFCW-6000+	3	3 @100°C	2.5	0.8
16	LFCW-6000-1+	3	3 @100°C	2.5	0.8
17	LFCW-6300+	4	4 @100°C	2.5	0.8
18	LFCW-6500+	2	0.8 @125°C	2.5	0.8
19	LFCW-6840-1+	3	-	2.5	-
20	LFCW-7500+	3.5	1.75 @100	2.5	0.7
21	LFCW-7500-1+	3.5	1.75 @100	2.5	0.7
22	LFCW-7790-1+	3	-	2.5	-
23	LFCW-8400+	3	1.5 @100	2.5	0.7
24	LFCW-8400-1+	3	1.5 @100	2.5	0.7
25	TB-LFCW-103+	4	2 @100°C	2.5	0.7
26	TB-LFCW-113+	4	2 @100°C	2.5	0.7
27	TB-LFCW-123+	4	2 @100°C	2.5	0.7
28	TB-LFCW-143+	4	2 @100°C	2.5	0.7
29	TB-LFCW-5000+	3	1.5 @100°C	2.5	0.7
30	TB-LFCW-5500+	3	3 @100°C	2.5	0.7
31	TB-LFCW-6000+	3	3 @100°C	2.5	0.8
32	TB-LFCW-6300+	4	4 @100°C	2.5	0.8
33	TB-LFCW-6500+	2	0.8 @125°C	2.5	0.8
34	TB-LFCW-7500+	3.5	1.75 @100	2.5	0.7
35	TB-LFCW-8400+	3	1.5 @100	2.5	0.7
36	ZLFW-K143+	4	2 @100°C	2.5	0.7

- There is no change in absolute power handling of LFCW models. All the given models meet the power ratings that was guaranteed before change.