

PRODUCT CHANGE NOTICE

PCN Form (D4-E000-73)

PCN#22-042

NOTIFICATION DATE: June 16, 2022

MODEL(S) AFFECTED:

VLFG series filters (*per attached list*)

EXTENT OF CHANGE:

Change of specified power for details see the model datasheets on www.minicircuits.com

EFFECT OF CHANGE:

- No change in **FIT** (Dimension) or **FORM** (External appearance)
- Change in **Function** (performance)

REASON FOR CHANGE:

Change in specifications based on improved test process.

EFFECTIVE DATE OF CHANGE:

Immediate

ATTACHMENTS:

List of affected models

QUESTIONS?

[PLEASE CONTACT US.](#)

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Attachment to **PCN#22-042**

** List of affected models **					
S. NO	Model Name	Existing power rating of VLFG models		Proposed power rating of VLFG models	
		Max power @ 25degC	De-rated power @ XdegC	Max power @ 25degC	De-rated power @ 125degC
1	VLFG-320+	5W	2.5W@100C	3.5 W	0.6W@125C
2	VLFG-400+	5W	2.5W@100C	3.5 W	0.6W@125C
3	VLFG-490+	3W	1.2W@100C	3.5 W	0.9W@125C
4	VLFG-530+	4W	2W@100C	3.5 W	0.6W@125C
5	VLFG-575+	4W	2W@100C	3.5 W	0.6W@125C
6	VLFG-630+	3W	1.2W@100C	3.5 W	0.8W@125C
7	VLFG-800+	4.5W	0.75W@ 125C	4.5W	0.75W@ 125C
8	VLFG-900+	6W	3W @100C	4.5W	1.1W@ 125C
9	VLFG-1000+	6W	3W @100C	5.5W	1W@ 125C
10	VLFG-1200+	6W	3W @100C	5.5W	1W@ 125C
11	VLFG-1325+	5.5W	1W@ 125C	5.5W	1W@ 125C
12	VLFG-1400+	6W	3W @100C	5.5W	1W@ 125C
13	VLFG-1525+	5.5W	1W@ 125C	5.5W	1W@ 125C
14	VLFG-1575+	5W	2.5W@100C	5.5W	1W@ 125C
15	VLFG-1700+	5W	2.5W@100C	5.5W	1W@ 125C
16	VLFG-1800+	6W	3W @100C	5.5W	1W@ 125C
17	VLFG-2000+	5.5W	1W@ 125C	5.5W	1W@ 125C
18	VLFG-2250+	5W	2.5W@100C	4.5W	1W@ 125C
19	VLFG-2500+	6W	3W @100C	4.5W	1W@ 125C
20	VLFG-2600+	6W	3W @100C	4.5W	1W@ 125C
21	VLFG-2750+	6W	3W @100C	4.5W	1W@ 125C
22	VLFG-2850+	6.5W	3.25W@100C	4.5W	1W@ 125C
23	VLFG-3000+	6W	3W @100C	4.5W	1W@ 125C
24	VLFG-3400+	4.5W	1W@ 125C	4.5W	1W@ 125C
25	VLFG-3500+	6W	3W @100C	4.5W	1W@ 125C
26	VLFG-3800+	6W	3W @100C	4.5W	1W@ 125C
27	VLFG-4800+	4.5W	1W@ 125C	4.5W	1W@ 125C

- There is no change in absolute power handling of LFCN. All these models meet the power ratings that was guaranteed earlier.
- The change is selection of frequency point for power test. Earlier power test was done at passband edge whereas with updated test procedure the power is measured at the 3-dB point where the maximum power is dissipated. The maximum dissipated power depends on the roll-off and the return loss characteristics at the 3-dB point.
- There is no reliability issues at customer end due to change in power rating.