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## FK2 FLEX-SUPPRESSOR®

### Having problems after changing from a metal to plastic enclosure?

**PROBLEM**

EMI noise coming from power supplies and other sources is a huge issue for compliance. Your time is running out: management is pressuring you to get the product to market ASAP. You can't afford to go through another EMC testing cycle or redesign!

### Flex-Suppressors are a QUICK and EASY Solution for you.

Flex Suppressors absorb:

- EMI noise generated by casing
- Noise generated between PCB boards
- Unwanted radiation noise from ICs and cables - flat or round
- Noise radiation from parasitic case slot antennas

What's more?

You can cut it, stick it, wrap it, bend it, shape it any way you like!

### “FK2” FLEX SUPPRESSOR SPECIFICATIONS

The FK2 Series has the highest permeability ( $\mu$ ) in the industry. It is also ideal for small electronic devices: it is thin yet strong and durable.

NEC TOKIN Part Number	Relative Magnetic Permeability (at 1MHz)	Transmission Noise Attenuation	Frequency Range
FK2(01)-80X80T08	100 (typ.)	-6 dB	10MHz to 3GHz
FK2(01)-240X240T08	100 (typ.)	-6 dB	10MHz to 3GHz
FK2(02)-80X80T08	100 (typ.)	-11dB	10MHz to 3GHz
FK2(02)-240X240T08	100 (typ.)	-11dB	10MHz to 3GHz
FK2(03)-80X80T08	100 (typ.)	-13dB	10MHz to 3GHz
FK2(03)-240X240T08	100 (typ.)	-13dB	10MHz to 3GHz
FK2(05)-80X80T08	100 (typ.)	-18dB	10MHz to 3GHz
FK2(05)-240X240T08	100 (typ.)	-18dB	10MHz to 3GHz

NEC/TOKIN America complies with Japan's Export Trade Control Order and with company internal restrictions. Therefore, we will decline inquiries for applications in the following areas:

- Critical system operation of medical, automotive, marine and aerial devices.
- Military devices, weapons development and non-peaceful operations.