

Crystal Filter



45-90 MHz-Series MCF

Type: with a Built-in Transformer

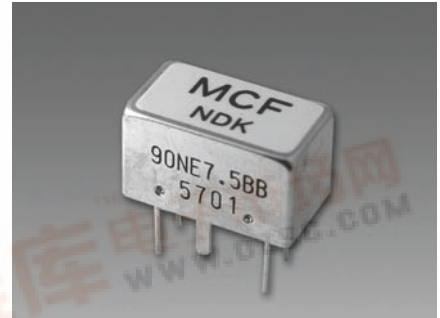
■ Features

Because this MCF has a built-in transformer, it is possible to match an input/output circuit with various impedance values.

- Compact and light.
- Stable temperature characteristics.
- This product can be manufactured according to your requested terminating impedance value.
- Because it has already been completely adjusted, no adjustment is needed before use.
- It can be manufactured with a wide frequency band.

Caution

- Because it has a non-enclosed structure, it cannot be washed.

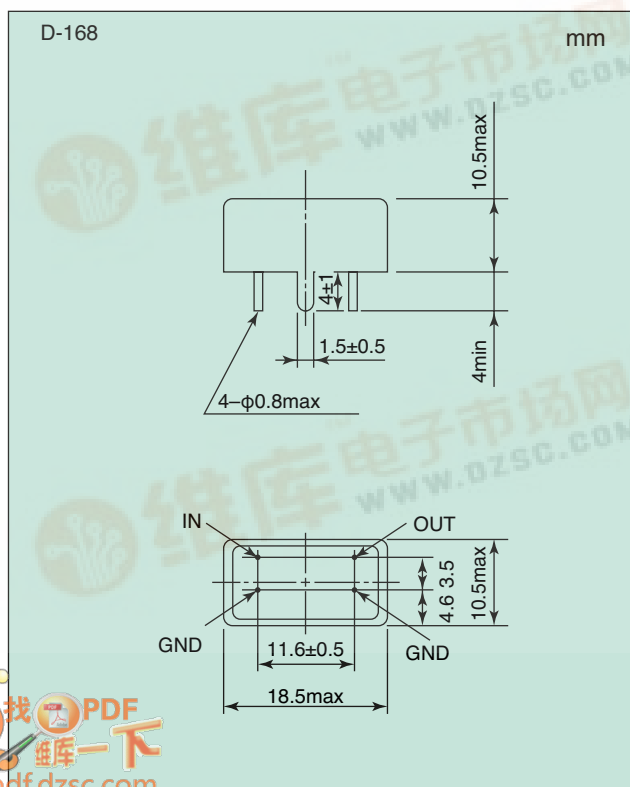


RoHS Compliant
Directive 2002/95/EC

■ Specifications

Model	45NE7.5BB	45NE15BC	70NE7.5B	70NE15B	90NE7.5BB	90NE15BC
Nominal frequency	45MH z	45MH z	70MH z	70MH z	90MH z	90MH z
Channel spacing	12.5k Hz	25k Hz	12.5k Hz	25k Hz	12.5k Hz	25k Hz
3 dB passband width	±3.75k Hz	±7.5k Hz	±3.75k Hz	±7.5k Hz	±3.75k Hz	±7.5k Hz
Stop bandwidth	±12.5 kHz max. at 25 dB	±25 kHz max. at 30 dB	±12.5 kHz max. at 25 dB	±25 kHz max. at 30 dB	±12.5 kHz max. at 25 dB	±25 kHz max. at 30 dB
Ripple	2 dB max.					
Insertion loss (insertion attenuation)	6 dB max.					
Guaranteed attenuation	70 dB min. at ±910 kHz					
Spurious characteristics	30 dB min.	20 dB min.	30 dB min.	20 dB min.	30 dB min.	20 dB min.
Terminating impedance	50Ω/0pF					
Operating temperature range	-20 to +70°C					
Package type	D-168					
Code for placing an order	45NE7.5BB-45M-FN15-840	45NE15BC-45M-FN15-841	70NE7.5B-70M-FN15-842	70NE15B-70M-FN15-843	90NE7.5BB-90M-FN15-844	90NE15BC-90M-FN15-845

■ Dimensions



■ Characteristics

