

# CRYSTAL FILTERS

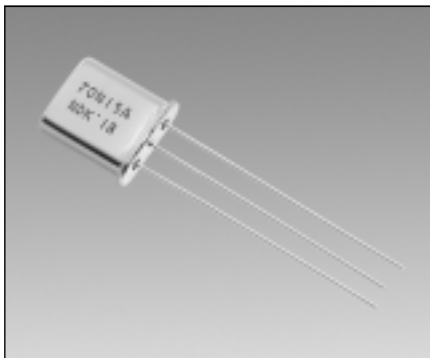
## 70, 90MHz SERIES MCF

### ■ Features

- Compactness and light weight
- Low insertion loss
- Stable temperature characteristics

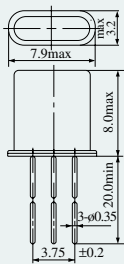
### ■ 70MHz, 90MHz Overtone

Model	Nominal Frequency (MHz)	Pole	Pass Band-width		Attenuation Bandwidth		Ripple (dB)	Insertion Loss (dB)	Guaranteed Attenuation (fo-910kHz) (dB)	Terminating Impedance (kΩ// pF)	Operating Temp. Range (°C)	Type
			(dB)	(kHz)	(dB)	(kHz)						
70N15A	70	2	3	±7.5	18	±30	1.0	2.0	40	2.5//−0.5	−20~+70	D-360-A
70N15BR	70	4	3	±7.5	30	±25	1.0	3.0	80	2.5//−1 C <sub>C</sub> =−0.5pF	−20~+70	D-360-B
70N20A	70	2	3	±10	13	±25	0.5	1.5	35	2.3//−1	−20~+70	D-360-A
70N20B	70	4	3	±10	25	±25	1.0	3.0	70	2.5//−1 C <sub>C</sub> =−1pF	−20~+70	D-360-B
70N30AC	70.05	2	3	±15	13	±50	1.0	2.0	35	3.6//−1	−20~+70	D-360-A
70N30BH	70	4	3	±15	25	±50	1.0	3.0	70	4.1//−1 C <sub>C</sub> =−1.4pF	−20~+70	D-360-B
90N8B	90	4	3	±4.0	13	±12.5	1.0	5.0	70	1.5//−0.5 C <sub>C</sub> =−0.5pF	−20~+70	D-360-B
90N20A	90	2	3	±10	13	±25	0.5	1.5	35	2.3//−0.2	−20~+70	D-360-A
90N20BC	90	4	3	±10	25	±25	1.0	3.0	80	2.0//−0.8 C <sub>C</sub> =−1pF	−20~+70	D-360-B
90N26BA	90	4	3	±13	18	±25	1.0	3.0	80	2.3//−0.7 C <sub>C</sub> =−0.5pF	−25~+85	D-360-B



D-360-A~B

(mm)



D-360-B means a pair of D-360-A. When D-360-B is used, please use a coupling capacitance .

Connecting mark

