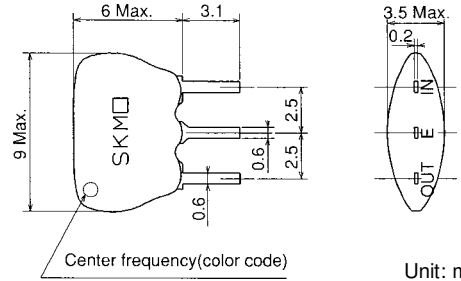
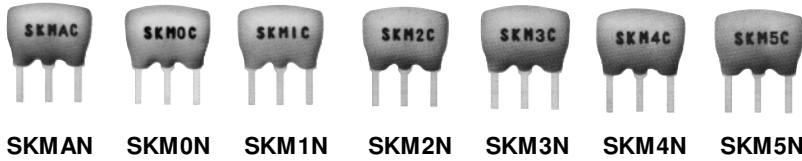


## TYPE CFSKN Standard S Series



Unit: mm

### Description

- FM-IF step ceramic filters developed for use in compact, slimline sets.
- Increased number of bandwidth variations, ideal for BS tuner and digital communications equipment wide band, as well as European and U.S, FM stereo narrow band.
- Covers a wide range of application characteristics through the Standard S Series, Low Loss X Series and Group Delay G Series meeting a wide range of needs.

### Features

- Compact and low profile (ideal for slimline sets)
- Low temperature coefficient and dispersion for reliable response
- High selectivity
- Low spurious response
- Independent terminal structure
- Can be supplied as kits with AM filters

### COLOR CODE TABLE

Rank	Center Frequency	Color Code
A	10.70±0.03MHZ	None
B	10.67±0.03MHZ	Blue
C	10.73±0.03MHZ	Orange
D	10.64±0.03MHZ	Black
E	10.76±0.03MHZ	White

### Applications

- Radios, radio cassettes, car radios, home stereo
- CB transceivers

## STANDARD FILTERS SELECTION GUIDE

### TYPE CFSKN Standard S Series

TOKO Part Number	Center Frequency* (Fo)	Bandwidth at 3dB (kHz)	Bandwidth at 20dB (kHz)	Insertion Loss (dB)	Spurious Response (dB)	Input/Output Impedance (Ω)
SK107MAN-AE-10	See Color Code Table	380±50	720 max.	5.0 max.	30 min.	330/330
SK107M0N-AE-10	See Color Code Table	330±50	680 max.	6.0 max.	30 min.	330/330
SK107M1N-AE-10	See Color Code Table	280±50	650 max.	6.0 max.	30 min.	330/330
SK107M2N-AE-20	See Color Code Table	230±50	600 max.	6.0 max.	40 min.	330/330
SK107M3N-AE-20	See Color Code Table	180±40	520 max.	7.0 max.	40 min.	330/330
SK107M4N-AE-20	See Color Code Table	150±40	400 max.	10.0 max.	40 min.	330/330
SK107M5N-AE-10	See Color Code Table	110±30	350 max.	10.0 max.	30 min.	330/330

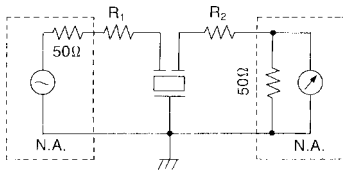
\* Standard center frequencies: 10.7 MHz, 10.52 MHz

\* Center frequency tolerance: Standard ±30kHz; ±25kHz and ±20kHz also available

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**Test Circuit**

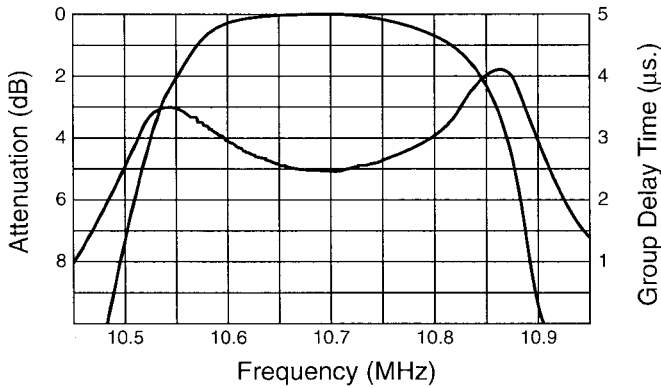


**Test Conditions**

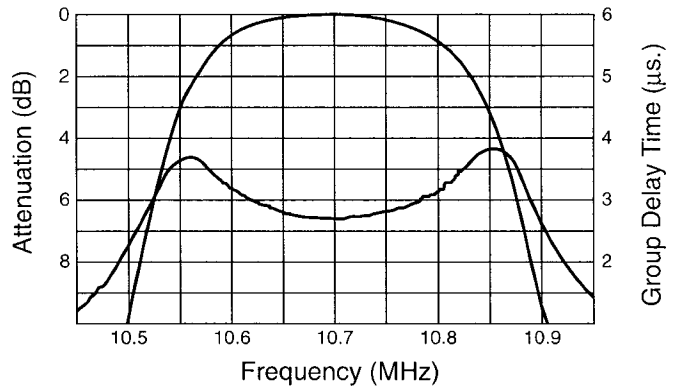
- R<sub>1</sub>: 280Ω
- R<sub>2</sub>: 280Ω
- N.A.: HP4194A or equivalent  
(Input impedance less than 15pF)

**Frequency Response**

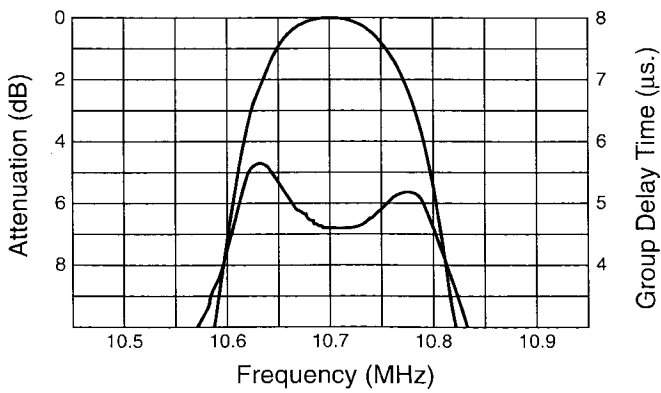
**SK107M0N-AE-10**



**SK107M1N-AE-10**



**SK107M4N-AE-20**



**SK107M5N-AE-10**

