

Description

- High grade filters controlling 0.5μS bandwidth.

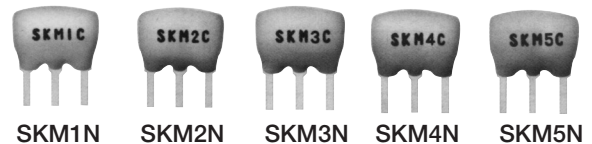
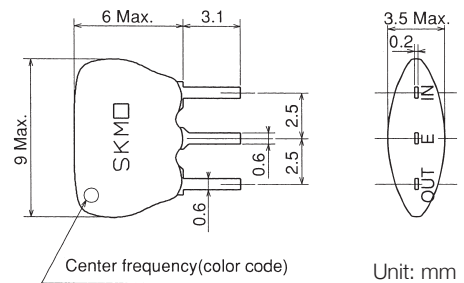
Features

- Compact and low profile (ideal for slimline sets)
- Low temperature coefficient and dispersion for reliable response
- High selectivity for excellent spurious response control
- Low spurious response
- Independent terminal structure
- Lead-free terminations

Applications

- Especially suited for digital cordless telephones and high grade stereo sets.
- MIDI audio systems and car stereo
- Digital telecommunications equipment

Dimensions

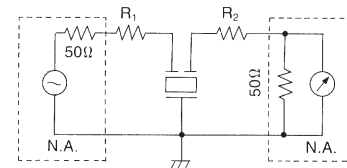


Color Code Table

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

- * Standard center frequency: 10.7MHz
- * Applicable center frequencies: 10.3MHz — 11.5MHz
- * Center frequency tolerance: Standard ±30kHz; ±25kHz and ±20kHz also available

Test Circuit



Test Conditions

- R₁: 280Ω
- R₂: 280Ω
- N.A.: HP4194A or equivalent (Input impedance less than 15pF)

STANDARD FILTERS SELECTION GUIDE

TYPE CFSKN Flat Group Delay G Series

TOKO Part Number	Center Frequency (Fo)*	Bandwidth at 3dB (kHz)	Bandwidth at 20dB (kHz)	Insertion Loss (dB)	Spurious Response (dB)	G.T.D. Bandwidth 0.5μS (kHz)	Impedance (In/Out) (kΩ)
#SK107M1N-AE-10G	See Color Code Table	280±50	650 max.	6.0 max	30 min.	Fo±80 min.	3.0/3.0
#SK107M2N-AE-20G	See Color Code Table	230±50	600 max.	6.0 max	40 min.	Fo±60 min.	3.0/3.0
#SK107M3N-AE-20G	See Color Code Table	180±40	520 max.	7.0 max	40 min.	Fo±45 min.	3.0/3.0
#SK107M4N-AE-20G	See Color Code Table	150±40	400 max.	10.0 max	40 min.	Fo±35 min.	3.0/3.0
#SK107M5N-AE-10G	See Color Code Table	110±40	350 max.	10.0 max	30 min.	Fo±25 min.	3.0/3.0



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