

SAW FILTERS FOR MOBILE COMMUNICATION SYSTEM

This is a high-frequency/intermediate-frequency band pass SAW filter designed for 800MHz-1GHz handheld phone.

■ Features

- Surface mount type (Emboss carrier taping applicable)
- No adjustment required when using
- Flat group delay.
- Excellent design against shock and vibration



■ Specification

Item	Model	85SRY3
Nominal Frequency (MHz)		85.38
Pass Bandwidth (3dB)		±15kHz min
Ripple (±13kHz max)		1.5dB max
Insertion Loss (minimum loss)		5.0dB max
Guaranteed Attenuation Bandwidth	at - (1000 ~ 700)kHz	40dB min
	at - (700 ~ 400)kHz	30dB min
	at - (400 ~ 120)kHz	40dB min
	at - (120 ~ 60)kHz	20dB min
	at + (60 ~ 120)kHz	20dB min
	at + (120 ~ 150)kHz	40dB min
	at + (150 ~ 400)kHz	30dB min
	at + (400 ~ 1000)kHz	38dB min
	at -910kHz	70dB min
Group Delay Time (±10kHz max)		10μs max
Terminating Impedance	Input	800Ω/-2pF
	Output	800Ω/-2pF
Operating Temp. Range		-30 ~ +75°C
Type *		NS7050SF (D-559E)

* [Type name] In () is previous name.

■ Dimensions

