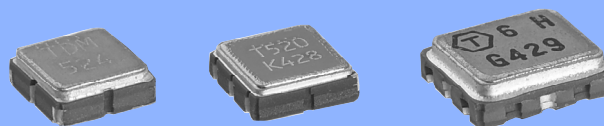


SAW FILTER FOR TPMS, RKE, Japan ARIB std. T67 / RF

TQS-570AA-7R TQS-568AA-7R TQS-830A-7R

- Narrow band type with good selectivity and wide band type covering 426MHz and 429MHz bands are available.
- Lead(Pb)-free : Lead free completely



Actual size

TQS-570AA-7R



TQS-568AA-7R



TQS-830A-7R

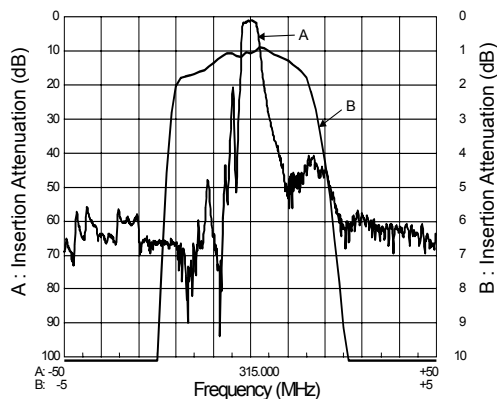


Specifications (characteristics)

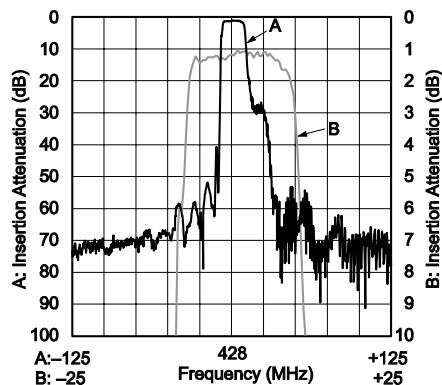
Item	Symbol	TQS-570AA-7R	TQS-568AA-7R	TQS-830A-7R
Nominal frequency	f_0	315 MHz	428 MHz	429.55 MHz
Storage temperature range	T_{stg}	-40 °C to +85 °C	-40 °C to +85 °C	-40 °C to +85 °C
Operating temperature range	T_{use}	-40 °C to +85 °C	-30 °C to +85 °C	-10 °C to +50 °C
Passband	BW	314.5 to 315.5 MHz	426 to 430 MHz	429.15 to 429.95 MHz
Insertion loss	IL	2.5 dB Max. (IL in passband)	2.0 dB Max. (IL in passband)	3.5 dB Max. (IL in passband)
Ripple	Ri	1.5 dBp-p Max.	1.0 dBp-p Max.	—
VSWR	—	2.3 Max.	2.0 Max.	—
Stop band attenuation (relative to through level)	—	DC to 295 MHz : 50 dB Min. 295 to 305 MHz : 40 dB Min. 325 to 336 MHz : 35 dB Min. 336 to 1000 MHz : 40 dB Min.	DC to 388 MHz : 50 dB Min. 404 to 409 MHz : 45 dB Min. 478 to 1000 MHz : 45 dB Min. 1000 to 1500 MHz : 30 dB Min.	$f_0 \pm 42.4$ MHz : 55 dB Min.
Terminating impedance	Z	50 Ω (Unbalanced)	50 Ω (Unbalanced)	50 Ω (Unbalanced)
Package	—	SS-30S1(G)	SS-38S1(A)	SS-541(F)

Electrical DATA

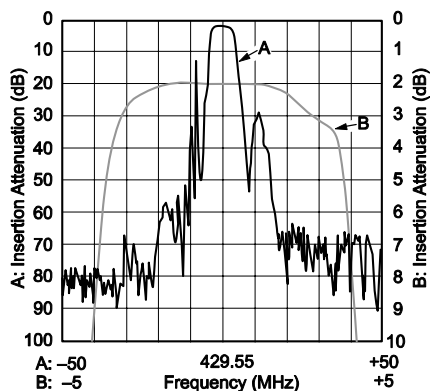
TQS-570AA-7R



TQS-568AA-7R



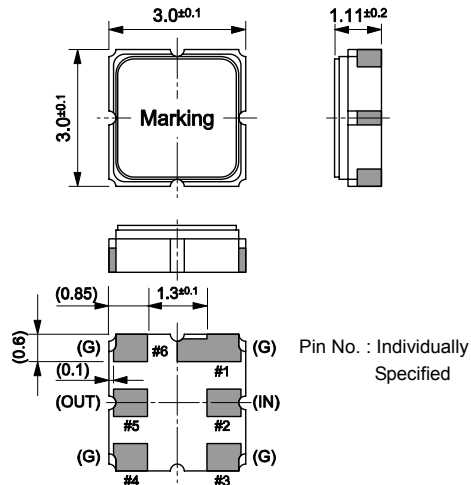
TQS-830A-7R



External dimensions

(Unit :mm)

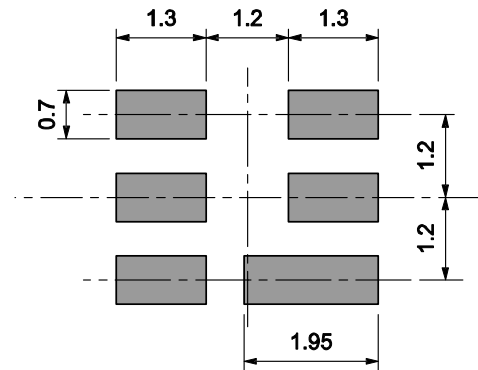
SS-30S1(G)



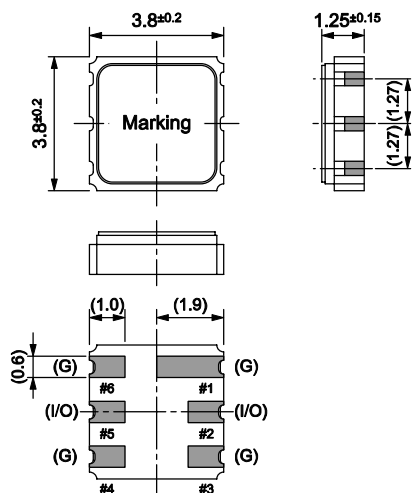
Footprint (Recommended)

(Unit :mm)

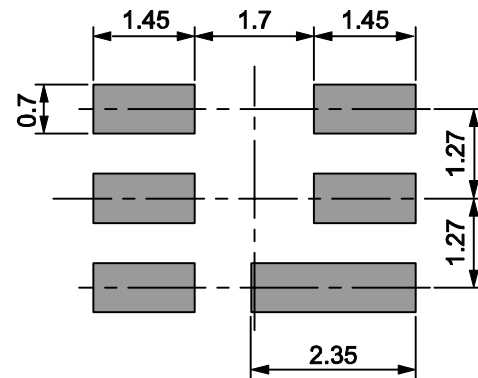
SS-30S1(G)



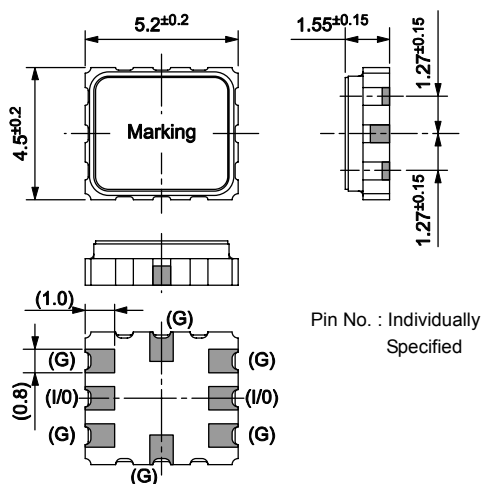
SS-38S1(A)



SS-38S1(A)



SS-541(F)



SS-541(F)

