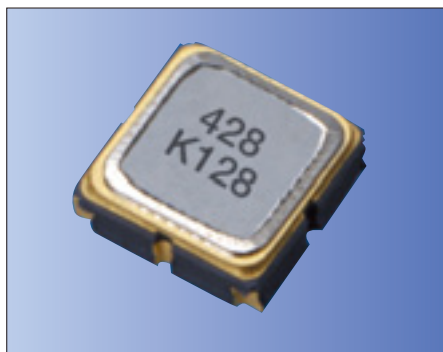




Surface Acoustic Wave (SAW) Filters

400MHz Band SAW Filters for Low Power Radio Communications

SF3030B428M00T04MA00/ SF3030B428M00T04MB00



RoHS Compliant

Features

- RF filter for transmitter and receiver
- For low power radio communications
- Miniature size and light weight

Standard Frequency

- 428.00MHz

How to Order

SF 3030 B 428M00 T 04M A00
 ① ② ③ ④ ⑤ ⑥ ⑦

- ① Type of Product (SAW Filter)
- ② Package Size (3.0×3.0mm)
- ③ Sealing Type (Seam Weld Type)
- ④ Nominal Frequency (428.00MHz)
- ⑤ Material (LiTaO₃)
- ⑥ Pass Bandwidth (4MHz)
- ⑦ Customer Special Model Suffix (STD)

New Part Number	Old Part Number
SF3030B428M00T04MA00	TSFB58-428-004M0
SF3030B428M00T04MB00	—

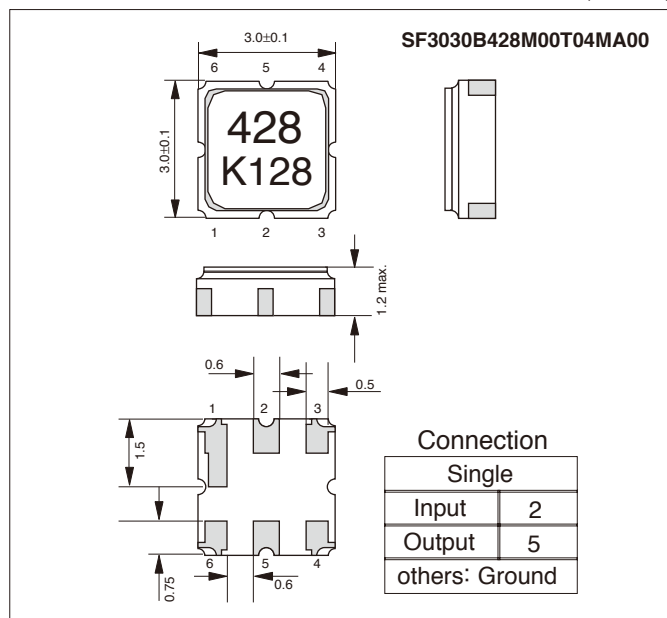
Packaging (Tape & Reel 1000 pcs./ reel)

Specifications

Type		SF3030B428M00T04MA00		SF3030B428M00T04MB00	
Item	Unit	Condition	Specifications	Condition	Specifications
Nominal Frequency (fo)	MHz	—	428.000	—	428.000
Operating Temperature Range	°C	—	-40 to +85	—	-40 to +85
Storage Temperature Range	°C	—	-40 to +85	—	-40 to +85
Passband Width	MHz	3dB Band	fo±2 min.	—	—
Passband Ripple	dB	fo±2MHz	1.5 max.	fo±2MHz	1.0 max.
Insertion loss	dB	fo±2MHz Maximum Loss	2.8 max. (-20 to +70°C)	fo±2MHz Maximum Loss	1.5 max.
			3.0 max. (-40 to +85°C)		—
Attenuation (from through leve)	dB	383 to 389MHz	50 min.	70MHz	45 min.
		—	—	140MHz	37 min.
		—	—	210MHz	33 min.
		—	—	856MHz	24 min.
		—	—	1284MHz	20 min.
Terminating Impedance	Ω	—	50 typ.	—	50 typ.

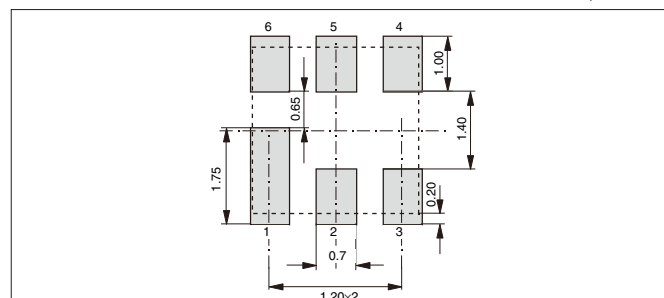
Dimensions

(Unit: mm)



Recommended Land Pattern

(Unit: mm)



Test Circuit

