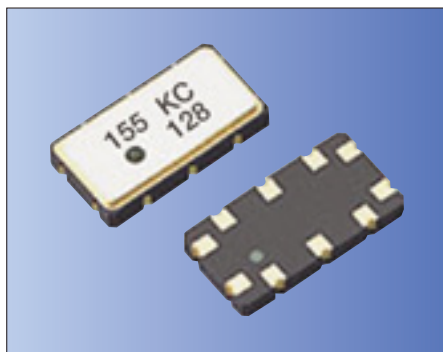




Surface Acoustic Wave (SAW) Filters

IF SAW Filters for Fiber Optic Communications

SF9148B155M52C155A00/ SF9148B622M08C622A00



RoHS Compliant

Features

- For Fiber optic communications
- Miniature size and light weight

Standard Frequency

- 155.520MHz
- 622.080MHz

How to Order

SF 9148 B 155M52 C 155 A00
 ① ② ③ ④ ⑤ ⑥ ⑦

- ① Type of Product (SAW Filter)
- ② Package Size (9.1×4.8mm)
- ③ Sealing Type (Seam Weld Type)
- ④ Nominal Frequency (155.520MHz)
- ⑤ Material (Quartz Crystal)
- ⑥ Pass Bandwidth (155kHz)
- ⑦ Customer Special Model Suffix (STD)

New Part Number	Old Part Number
SF9148B155M52C155A00	MSFB22-155-155K0
SF9148B622M08C622A00	MSFB22-622-622K0

Packaging (Tape & Reel 1000 pcs./ reel)

Specifications

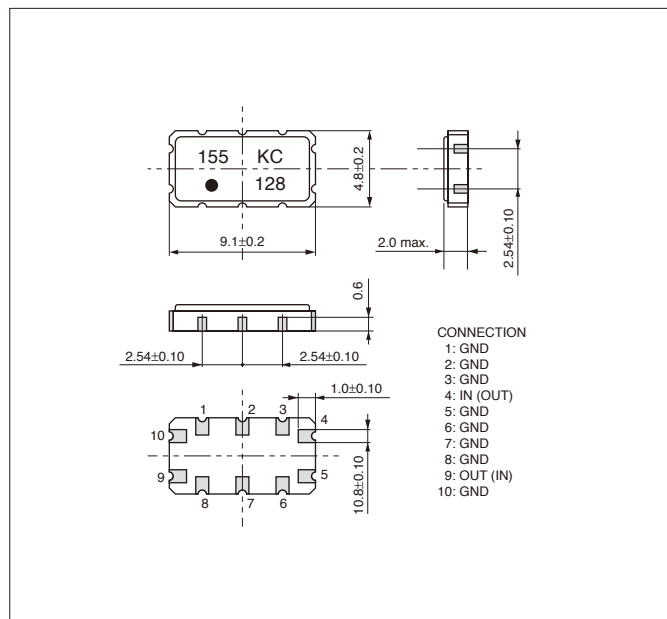
Type		SF9148B155M52C155A00		SF9148B622M08C622A00	
Item	Unit	Conditions	Specifications	Conditions	Specifications
Nominal Frequency (fo)	MHz	—	155.52	—	622.08
Operating Temperature Range	°C	—	-20 to +75	—	-20 to +75
Storage Temperature Range	°C	—	-40 to +85	—	-40 to +85
Q Value	—	600 < Q < 1000 910*		600 < Q < 1000 830*	
Insertion Loss	dB	Minimum Loss	8*	Minimum Loss	7.2*
Guaranteed Attenuation	dB	DC to 152MHz	30 min.	DC to 606MHz	30 min.
		159 to 312MHz	30 min.	699 to 1245MHz	25 min.
Group Delay Deviation	Ω	—	50	—	50

*: Typ.

*: Typ.

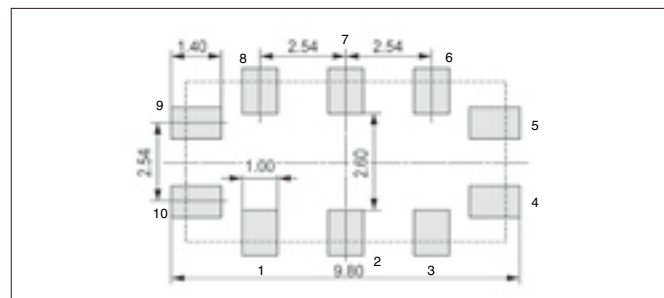
Dimensions

(Unit: mm)



Recommended Land Pattern

(Unit: mm)



Test Circuit

