

# SAW Device

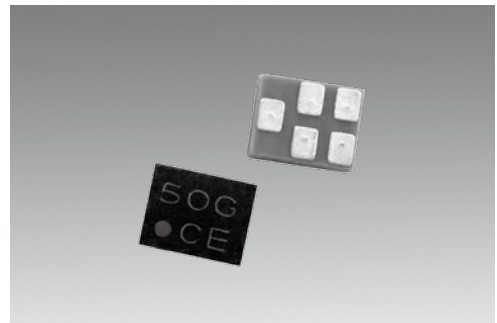
**NEW**

## WFF93A1582UE

**For Automotive**

### Features

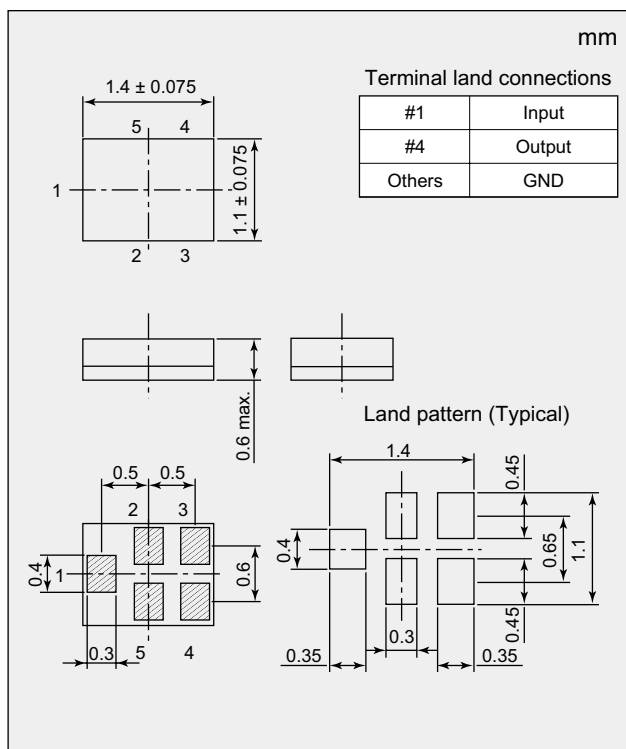
- 1.5GHz band SAW Filter for Automotive GNSS(e.g., GPS, GLONASS, or BEIDOU).
- Conforms to AEC-Q200.
- Compact and thin. (1.4×1.1×0.6mm)
- Support a wide operating temperature range(-40°C to + 85 °C).
- A filter with low insertion loss.
- Meets the requirements for re-flow profiling using lead-free solder.



### Specifications

Model	WFF93A1582UE		
Item	Min.	Typ.	Max.
Nominal Frequency (MHz)	-	1582.355	-
Maximum Insertion Attenuation (dB)	1574.42 to 1576.42MHz	-	1.0
	1559.05 to 1563.15MHz	-	1.4
	1573.37 to 1577.47MHz	-	1.0
	1597.78 to 1605.66MHz	-	1.3
VSWR	1574.42 to 1576.42MHz	-	1.3
	1559.05 to 1563.15MHz	-	1.5
	1573.37 to 1577.47MHz	-	1.4
	1597.78 to 1605.66MHz	-	1.5
Group Delay Distortion (nsec)	1597.78 to 1605.66MHz	-	4
Guaranteed Attenuation(dB)	40 to 1000MHz	39	42
	1427 to 1453MHz	40	44
	1710 to 2000MHz	30	35
	2400 to 2600MHz	38	42
	2600 to 3000MHz	34	40
Operating Temperature Range (°C)	-40 to +85		
Terminating Impedance (Ω)	50		

### Dimensions



### Characteristics

