

WFF93A1582UE

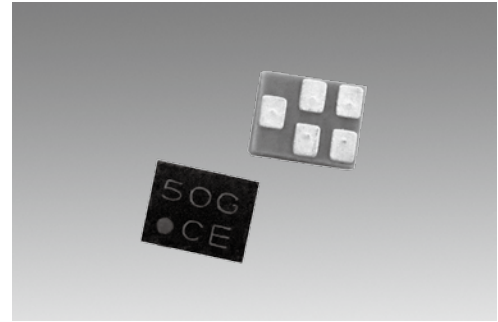
For Automotive

Features

- 1.5GHz band SAW Filter for Automotive GNSS(e.g., GPS, GLONASS, or BEIDOU).
- Conforms to AEC-Q200.
- Ultra 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 Attenuation.
- Meets the requirements for re-flow profiling using lead-free solder.

Pb Free

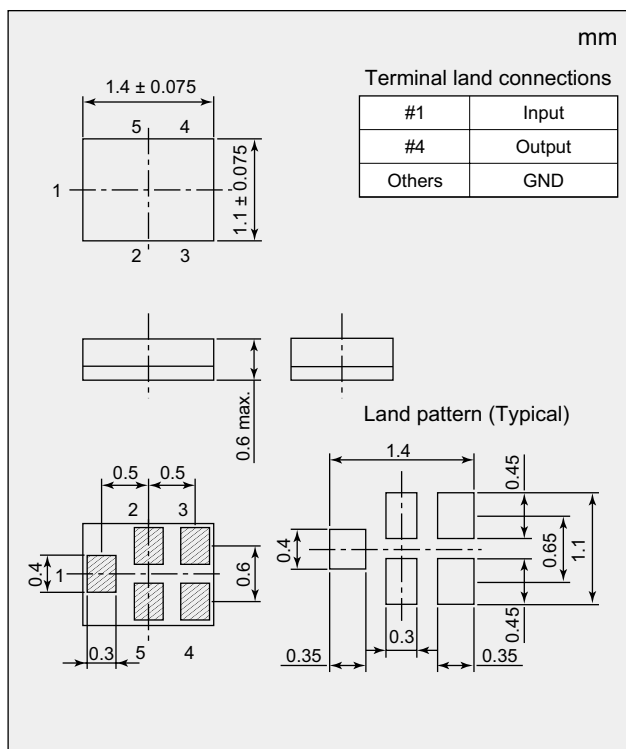
RoHS Compliant
Directive 2011/65/EU
Directive (EU) 2015/863



Specifications

Model		WFF93A1582UE		
Item		Min.	Typ.	Max.
Nominal Frequency (MHz)		-	1582.355	-
Maximum Insertion Attenuation (dB)	1574.42 to 1576.42MHz	-	1.0	1.4
	1559.05 to 1563.15MHz	-	1.4	2.0
	1573.37 to 1577.47MHz	-	1.0	2.0
	1597.78 to 1605.66MHz	-	1.3	2.0
VSWR	1574.42 to 1576.42MHz	-	1.3	2.0
	1559.05 to 1563.15MHz	-	1.5	2.0
	1573.37 to 1577.47MHz	-	1.4	2.0
	1597.78 to 1605.66MHz	-	1.5	2.0
Group Delay Distortion (ns)			4	14
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

