

SAW Device

NEW

WFC38E1588CD

For Automotive

Features

- 1.5GHz band SAW Filter for Automotive GNSS(e.g., GPS, GLONASS, or BEIDOU).
- Compact and thin. (Typ. 3.0×3.0×1.05mm)
- Support a wide operating temperature range(-45°C to + 85 °C).
- Excellent shock resistance.
- A filter with low insertion loss.
- Meets the requirements for re-flow profiling using lead-free solder
- Conforms to AEC-Q200.

Pb Free

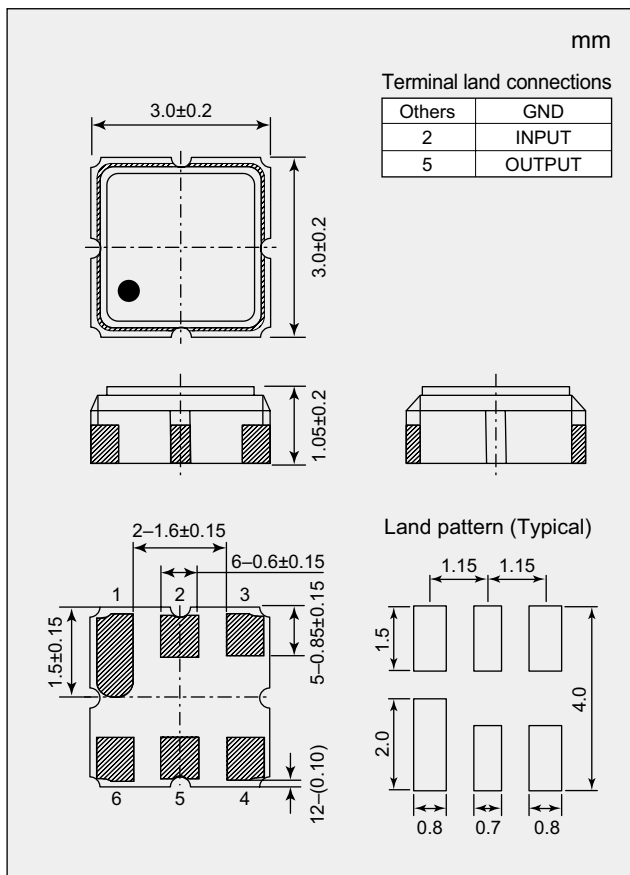
RoHS Compliant
Directive 2011/65/EU



Specifications

Model	WFC38E1588CD		
Item	Min.	Typ.	Max.
Nominal Frequency (MHz)	-	1588	-
Insertion Attenuation (dB)	1560 to 1616MHz	-	2.9
	1574.42 to 1576.42MHz	-	2.1
	1597 to 1606MHz	-	2.5
VSWR	1560 to 1616MHz	-	2.8
Group Delay Distortion (ns)	1597 to 1606MHz	-	15
Guaranteed Attenuation(dB)	800 to 900 MHz	25	-
	1140 to 1349 MHz	25	-
	1645 to 1720 MHz	11	-
	1738 to 1840 MHz	20	-
	1860 to 2500 MHz	23	-
Operating Temperature Range (°C)	-45 to +85		
Terminating Impedance (Ω)	50		

Dimensions



Characteristics

