

For Keyless Entry System

SAW RESONATOR FOR REMORT KEYLESS ENTRY SYSTEM

This is SAW resonator for keyless entry system.

■ Features

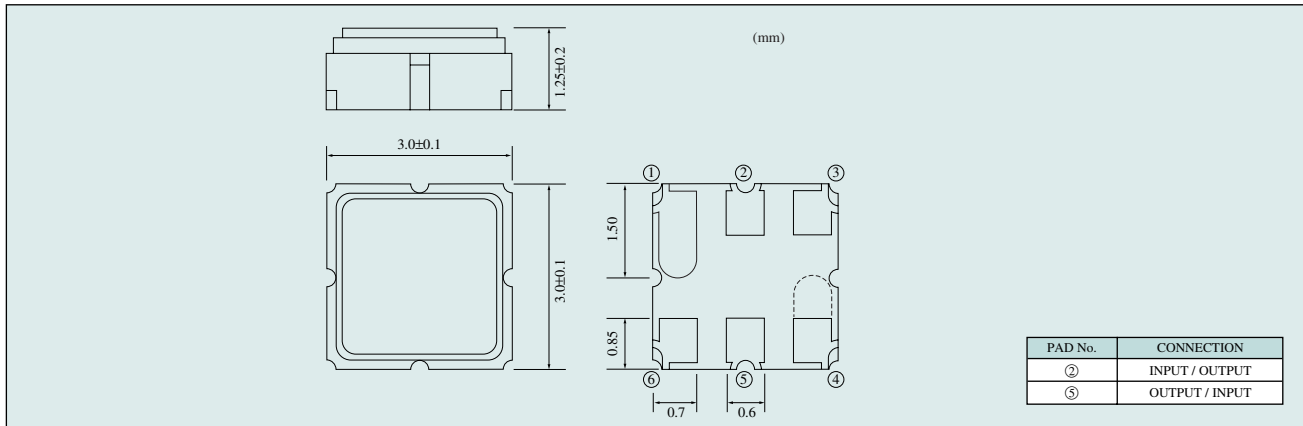
- Low insertion loss and low equivalent series resistance.
- Compactness (3 × 3 × 1.25mm)



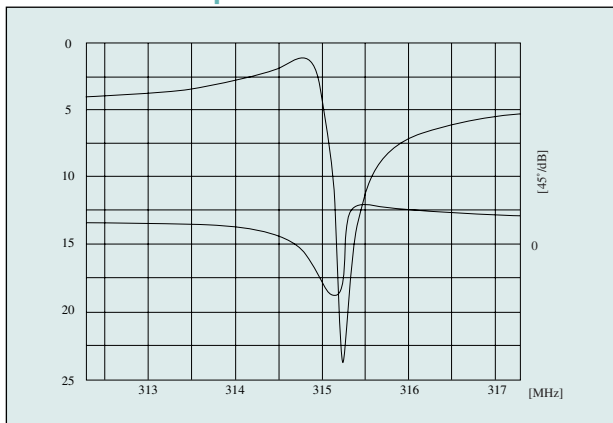
■ Specification

Item	Model	WR716E		
		Min.	Typ.	Max.
Center frequency (MHz)		314.88	314.92	315.08
Min. insertion loss α min (dB)			1.9	2.5
Equivalent circuit elements	Motional capacitance : C1 [fF]		1.59	
	Motional inductance : L1 [μH]		161.1	
	Motional resistance : R1 [Ω]		28.8	
	Parallel capacitance : C0 [pF]		2.03	
	Unloaded quality factor : Q		6695	
Operating temp. range (°C)		-40		+85

■ Dimensions



■ Resonator specification



■ Matching circuit

