TSS-6035C SERIES

SMD Type Crystal Units for Automobile Application

■Feature

Designed for shock intensive automotive applications such as remote keyless entry or advanced chassis control system. Six point PCB attachment for ultimate component adhesion. Common standard 6.0×3.5 mm package size. Hermetic sealing by seam welding. TSS-6035C and TSS-6035C-2 are for tight frequency tolerances. TSS-6035C-4 type for highest shock resistance. Product is lead free in construction. Can be mounted to PCB using a lead free solder reflow process.

Now printing

Standard Specifications

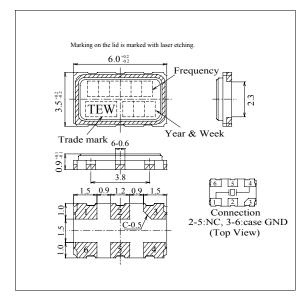
Size (mm)		6.0×3.5, 0.90±0.1	
Overtone Order		Fundamental / 3rd Overtone	
Frequency Range (MHz)	Fundamental / 3rd Overtone	8~45 / 45~100	
Equivalent Series Resistance (Ω)	Fundamental / 3rd Overtone	30~250 / 60~100	
Drive Level (µW)		50	
Operating Temperature Range		See Table 1	
Frequency Temperature Characteristics (in reference to 25 °C)		See Table 1	

Table 1 Frequency Temperature Characteristics

* Products with specific requirements are available

Temperature	Temperature Characteristics(×10 ⁻⁶)		Frequency Tolerance(×10 ⁻⁶)	
Range	6035C, 6035C-2	6035C-4	6035C, 6035C-2	6035C-4
-30 ~ 85 °C	±15	-		
-40 ~ 90 °C	±25	-	$\pm 10 \sim \pm 50$	±50
-40 ~ 105 °C	-	±100	$(25 \ ^{\circ}C \pm 3^{\circ}C)$	$(25 \ ^{\circ}C \pm 3 \ ^{\circ}C)$
-40 ~ 125 °C	-	±150		

Outline Dimensions



■Reference Land Pattern

