

HC-6035/2

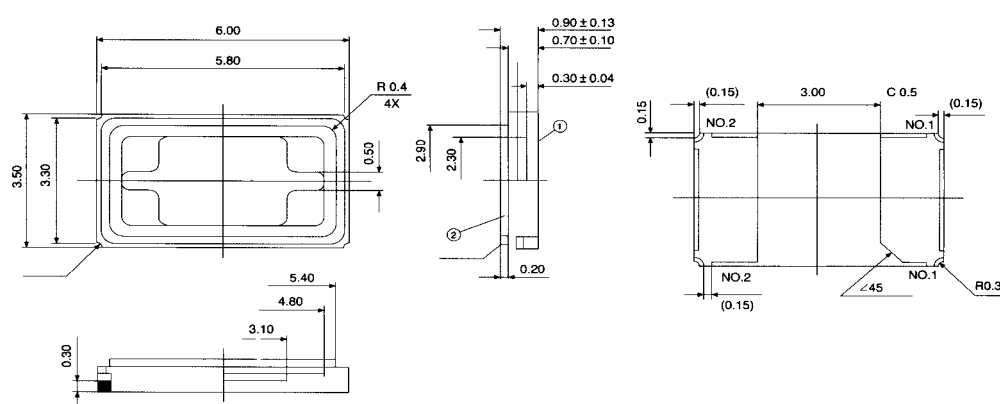
Features/Merkmale

- SMD Ceramic Enclosures/SMD Keramik Gehäuse
- High Reliability Seam Welded Seal/
sehr dichte Gehäuseverbindung
- Frequency Up to 160 MHz/bis zu 160MHz
- Ultra Thin Profile/sehr geringe Höhe



Specifications/Spezifikationen			
		Symbol	Remarks/Bemerkungen
Frequency range/Frequenz		f	10.000MHz - 40.000MHz
			30.000MHz - 160.000MHz
Frequency tolerance (std.), Ta=25°C / Frequenztoleranz		$\Delta f/f$	$\pm 10\text{ppm}, \pm 50\text{PPM}$
Load capacitance/Lastkapazität		C_L	Fund: 10pf - ∞
Temperature Tolerance (std.) / Temperaturtoleranz		$\Delta f/f$	$\pm 10\text{ppm}, \pm 50\text{ppm}$
Temperature range/ Temperaturbereich	Storage Temp./Lagertemp.	T_{STG}	-55°C - +125°C
	Operating Temp./Arbeitstemp.	T_{OPR}	-20°C - +70°C
Drive Level	Maximum drive level	M_{DL}	-
	Recommended drive level	R_{DL}	20 μ W - 100 μ W
Series resistance/Serienwiderstand		R_1	As Per Table/siehe Tabelle
Shunt capacitance/Statische Kapazität		C_0	7pF max
Insulation resistance/Isolationswiderstand		IR	500M Ohm
Aging/Alterung		Δf_A	$\pm 5\text{PPM/Year/Jahr max}$

Resistance of series Resonance (ESR), Serienwiderstand					
Frequency/Frequenz (MHz)	Mode/Schwingung	Ohm	Frequency/Frequenz (MHz)	Mode/Schwingung	Ohm
$10 \leq f < 12$	Fund	80	$30 \leq f < 80$	3 rd O.T	70
$12 \leq f < 15$	Fund	60	$80 \leq f < 100$	3 rd O.T	60
$15 \leq f < 40$	Fund	50	$90 \leq f < 160$	5 rd O.T	80
-	-	-	-	-	-

Drawing/Zeichnung	
 <p>The drawing includes three views: a top view showing a rectangular component with dimensions 6.00mm by 3.50mm and a central cavity; a side view showing a thickness of 0.30mm and a height of 2.30mm; and a cross-sectional view showing a 3.00mm wide central section with a 0.15mm gap, a 0.30mm thickness, and a 45-degree chamfered edge. Other dimensions include 0.90 ± 0.13, 0.70 ± 0.10, 0.30 ± 0.04, 0.20, 0.15, C 0.5, and R0.3.</p>	

Dimensions/Abmessungen in mm

Remarks/Bemerkungen:

All specifications subject to change without notice. / Wir behalten uns vor Daten ohne Mitteilung zu ändern