



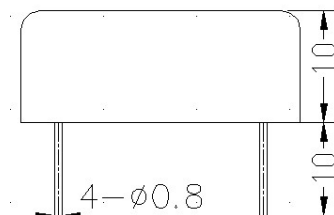
Specification

Crystal Filter 71.4MHz

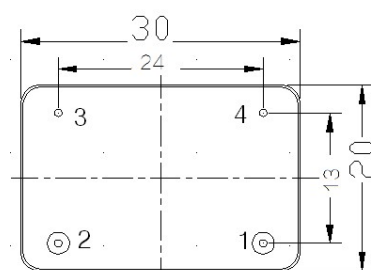
Part Number: 71.4S50B50

R1

Item	Typical
Nominal Frequency (MHz)	71.4
Insertion Loss (dB)	≤ 3.0
Ripple within Pass Band (dB)	≤ 1.0
Pass Band at -1dB (kHz)	≥ 50
Bandwidth at 30dB Attenuation (kHz)	$\leq \pm 78$
Out-band at ≥ 50 dB Attenuation (kHz)	$\leq \pm 130$
Spurious Response ($F_c + 150\text{kHz} \sim +400\text{kHz}$, dB)	-50
Input /Output Impedance ($F_c \pm 15\text{kHz}$, Real Part, Ω)	40-60
I/O VSWR ($F_c \pm 15\text{kHz}$)	1.7
IP3 (Two Tones at $\pm 150\text{kHz}$ and $\pm 300\text{kHz}$ with -10dBm input)	35
Operation Temperature ($^{\circ}\text{C}$)	-40 ~ +70
Package Size (mm)	30x20x10



Pin No.	Description
1	Input/Output
2	Output/Input
3,4	Ground



Bottom View

Unit:mm