

P/N: WTL9M12379

Resistance Welded HC-49/S Surface Mount Package



FEATURE

- Height 4.0mm, compact unit for surface mount
- Able to by means of a metal case and completely sealed high solution characteristics
- Copes with high density mounting and is the optimum for mass production



ELECTRICAL SPECIFICATIONS

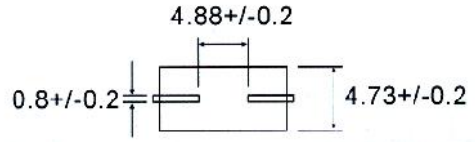
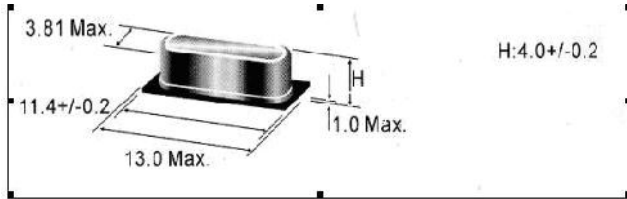
Nominal frequency	13.560MHz
Oscillation mode	Fundamental
Operating temperature range	-40°C-+85°C
Storage temperature range	-40°C-+85°C
Frequency tolerance	±50ppm
Freq. Temp characteristics	±50ppm
Load capacitance	16pF
Equivalent series resistance()	50 ohm max
Parallel capacitance(Co)	7pF Max
Drive level	100 μW Typical
Insulation resistance	More than 500MΩ AT DC100V

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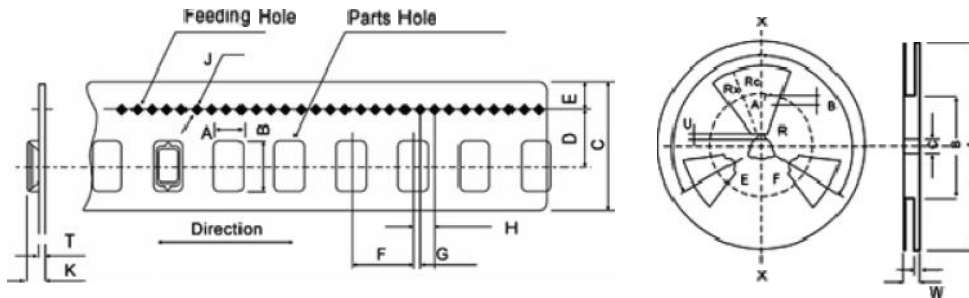
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Dimension



Tape & Reel



Description		Code	Dimensions	
Flanges	Diameter	A	$\phi 330 \pm 2.0$	
	Thickness	t	2.4 ± 0.2	
	Width between Flanges	W	$+2.0$ $24.4-0$	
Flanges	Outline Diameter	B	$\phi 100 \pm 2.0$	
	Center Core slit	Width	F	2.3 ± 1.0
		Depth	V	6.0 ± 1.0
		Position	Q	$120^\circ \pm 3.0^\circ$
	Spindle Diameter	C	$\phi 13.0 \pm 0.5$	
	Key Seats	Width	E	2.5
		Depth	U	5.0 ± 0.5
Position		Q	$120^\circ \pm 3^\circ$	
Fenestrate	Outline Radius	Ro	$R90 \pm 1.0$	
	Inline Radius	Ri	$R40 \pm 1.0$	
	Rounded Corners		$+2.0$ $R5-0$	
		Open Angle	R	$40^\circ \pm 2^\circ$

Code	Dimension	Code	Dimension	Code	Dimension
A	5.0 ± 0.1	E	1.75 ± 0.1	J	$\phi 1.5 (+0.1, -0)$
B	15.0 ± 0.2	F	$8.0 \pm 0.1 / 12.0 \pm 0.1$	K	5.0 ± 0.1
C	24.0 ± 0.3	G	2.0 ± 0.1	T	5.0 ± 0.1
D	11.05 ± 0.1	H	4.0 ± 0.1		