

RESISTANCE WELDED HOLDER HC-49S SMD PACKAGE

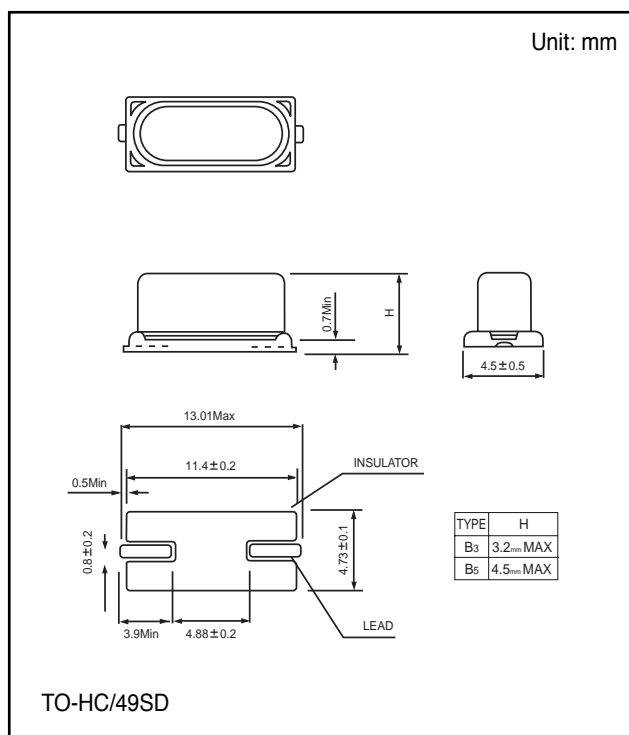

- Can be mounted automatically
- Excellent vibration resistance
- Can be used for a wide range of applications, AV equipment, QA equipment, and communication equipment

ELECTRICAL SPECIFICATIONS

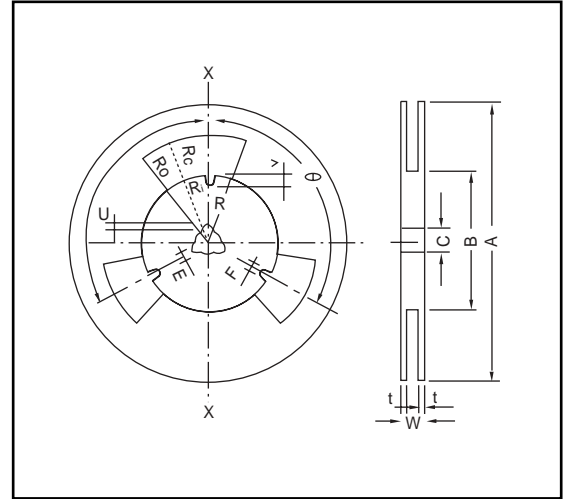
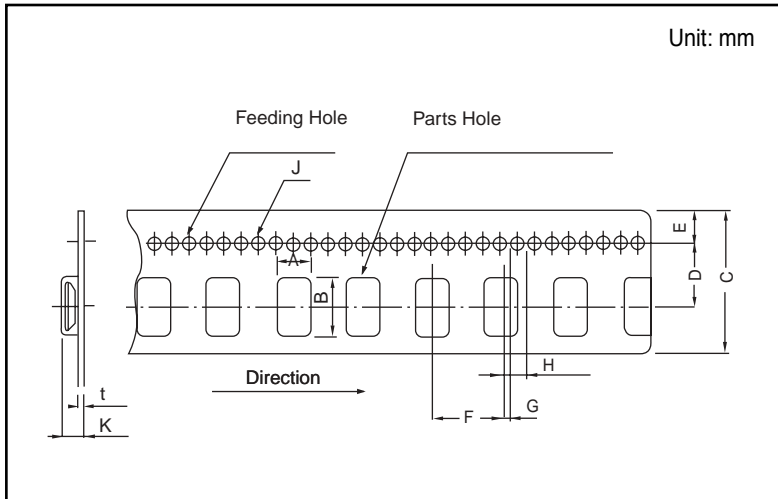
Frequency Range	3.500 MHz ~ 70.000 MHz
Frequency Tolerance at 25°C	± 30 ppm or ± 50 ppm (please specify)
Frequency Stability Over Operating Temperature Range	± 30 ppm or ± 50 ppm (please specify)
Operating Temperature Range	- 10°C ~ 60°C
Storage Temperature Range	- 40°C ~ 85°C
Shunt Capacitance	7pF Max
Load Capacitance (CL)	Customer Assign
Insulation Resistance	500 Megaohms Minimum at 100Vdc
Drive Level	100 uW Max
Aging (at 25°C)	± 5 ppm/year Max

EQUIVALENT SERIES RESISTANCE(ESR) AND MODE OF OPERATION (MODE)

Frequency Range	Max ESR (Ω)	Mode
3.500 MHz ~ 3.999 MHz	200 Max	Fundamental/AT
4.000 MHz ~ 5.999 MHz	150 Max	Fundamental/AT
6.000 MHz ~ 9.999 MHz	100 Max	Fundamental/AT
10.000 MHz ~ 30.000 MHz	50 Max	Fundamental/AT
27.000 MHz ~ 40.000 MHz	50 Max	3rd Overtone/AT
30.000 MHz ~ 70.000 MHz	80 Max	3rd Overtone/AT
20.000 MHz ~ 40.000 MHz	60 Max	Fundamental/BT

DIMENSIONS


TAPING FOR TO-HC/49SD



Symbol	Dimensions
A	5.0 ± 0.1
B	15.0 ± 0.2
C	24.0 ± 0.3
D	11.5 ± 0.1
E	1.75 ± 0.1
F	8.0 ± 0.1
	12.0 ± 0.1
G	2.0 ± 0.1
H	4.0 ± 0.1
J	∅ 1.5 ^{+0.1} ₋₀
K	3.5 ± 0.1
	4.5 ± 0.1
T	0.4 ± 0.05

		Description	Symbol	Dimensions
Flange		Diameter	A	∅ 330 ± 2.0
		Thickness	t	2.4 ± 0.2
		Width Between Flanges	W	24.4 ^{+2.0} ₋₀
Center Core		Outline Diameter	B	∅ 100 ± 2.0
	Center Core Slit	Width	F	2.3 ± 1.0
		Deep	V	6 ± 1.0
		Position	Q	120° ± 3°
		Spindle Diameter	C	∅13 ± 0.5
	Key Seats	Width	E	2.5 ^{+0.5} ₋₀
		Deep	U	5 ± 0.5
Position		Q	120° ± 3°	
Fenestra		Outline Radius	Ro	R90 ± 1.0
		Inline Radius	Ri	R40 ± 1.0
		Rounded Corners	Rc	R5
		Open Angle	R	40° ± 2°

Unit: mm