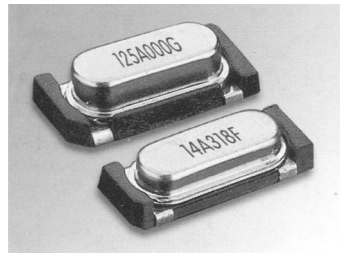


HC-49/3-USSMD
HC-49/4-USSMD

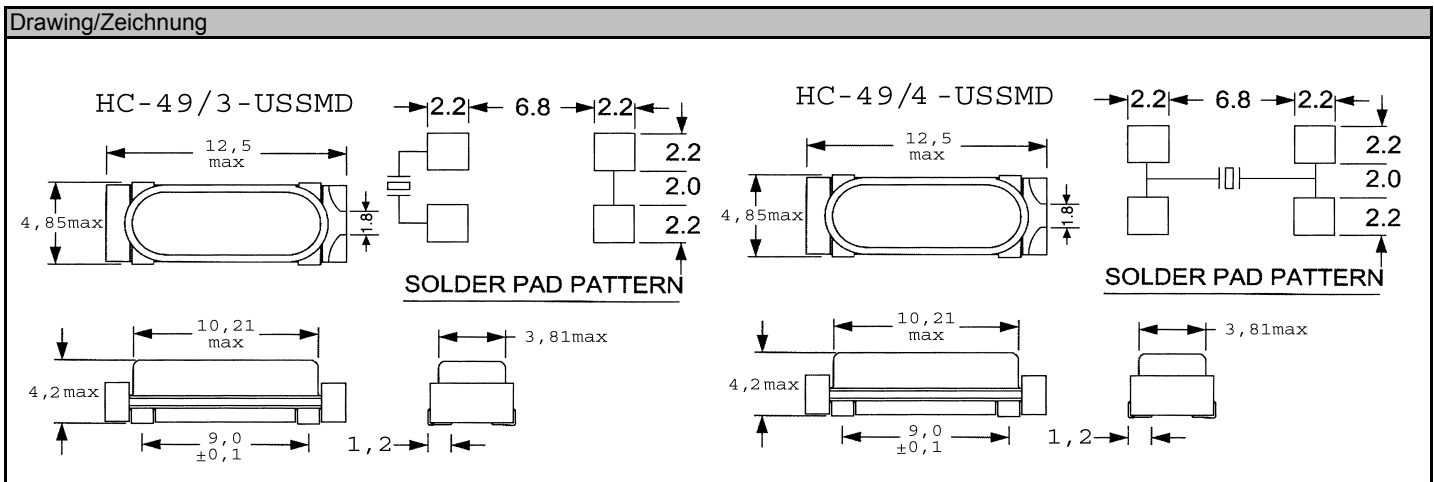


Features/Merkmale

- Wide Frequency Range/großer Frequenzbereich
- Low Cost High Reliability/geringe Kosten hohe Zuverläss.
- Extended Temperature Range up to -40°C - +125°C
Im erweiterten Temperaturbereich bis zu -40°C - +125°C
- Low Profile 3,2mm max/geringe Aufbauhöhe 3,2mm max

Specifications/Spezifikationen			
		Symbol	Remarks/Bemerkungen
Frequency range/Frequenz		f	3,579MHz - 30.000MHz Fund. Mode/Grundton 24.000MHz - 70.000MHz Overtone mode/Oberton
Frequency tolerance (std.), Ta=25°C / Frequenztoleranz		$\Delta f/f$	$\pm 30\text{ppm}, \pm 50\text{PPM}$ Others are offered/auf Anfrage
Load capacitance/Lastkapazität		C_L	Fund: 12pf - 50pf or series Please specify/Bitte angeben
Temperature Tolerance (std.) / Temperaturtoleranz		$\Delta f/f$	$\pm 50\text{ppm}, \pm 100\text{ppm}$ Others are offered/auf Anfrage
Temperature range/ Temperaturbereich	Storage Temp./Lagertemp.	T_{STG}	-55°C - +125°C
	Operating Temp./Arbeitstemp.	T_{OPR}	-20°C - +70°C Others are offered/auf Anfrage
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
$3,5 \leq f < 4,5$	Fund	150		$12,9 \leq f < 16,6$	Fund	50
$4,5 \leq f < 6,0$	Fund	120		$16,6 \leq f < 21,5$	Fund	40
$6,0 \leq f < 7,2$	Fund	100		$21,5 \leq f < 24,5$	Fund	30
$7,2 \leq f < 8,9$	Fund	80		$24,0 \leq f < 70,0$	3 rd O.T	120
$9,0 \leq f < 12,9$	Fund	60				



Dimensions/Abmessungen in mm

Remarks/Bemerkungen:

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