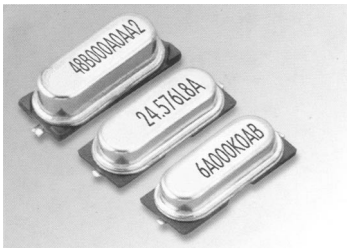
auris-GmbH
electronic components & logistic

Hefehof 8
D-31785 Hameln

HC-49/US SMD



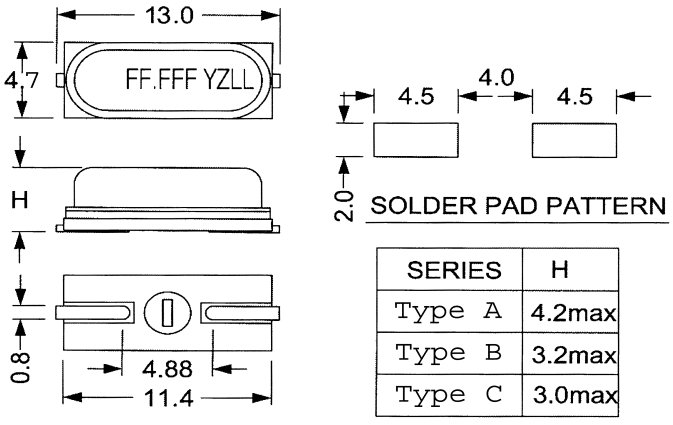
Features/Merkmale

- Wide Frequency Range/Grosser Temperaturbereich
- Tight Tolerance and Stability over Temperature/
  gute Toleranzen und Stabilitätswerte
- Tape & Reel Packaging/gurtfähiges Gehäuse

Specifications/Spezifikationen				
		Symbol		*Remarks/Bemerkungen*
Frequency range/Frequenz		f	3,579MHz - 30.000MHz	Fund. Mode/Grundton
			27.000MHz - 70.000MHz	Overtone mode/Oberton
Frequency tolerance (std.),Ta=25°C / Frequenztoleranz		Δf/f	± 10ppm - ± 50PPM	
Load capacitance/Lastkapazität		C_L	12pf - ∞	Please specify/Bitte angeben
Temperature Tolerance (std.) / Temperaturtoleranz		Δf/f	± 10ppm - ± 50ppm	
Temperature range/ Temperaturbereich	Storage Temp./Lagertemp.	T_{STG}	-30°C - +85°C	
	Operating Temp./Arbeitstemp.	T_{OPR}	-20°C - +70°C	Others are offered/auf Anfrage
Drive Level	Maximum drive level	M_{DL}	1000µW	
	Recommended drive level	R_{DL}	10µW - 100µW	
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	± 5PPM/Year/Jahr	Others are offered/auf Anfrage

Resistance of series Resonance (ESR), Serienwiderstand						
Frequency/Frequenz (MHz)	*Mode/Schwingung*	*Ohm*		*Frequency/Frequenz (MHz)*	*Mode/Schwingung*	*Ohm*
3,579 ≤ f < 6,0	Fund	≤150		24,0 ≤ f < 30,0	Fund	≥40
6,0 ≤ f < 10,0	Fund	≤100		27,0 ≤ f < 36,0	3rd O.T	≥100
10,0 ≤ f < 14,0	Fund	≤60		36,0 ≤ f < 70,0	3rd O.T	≥80
14,0 ≤ f < 25,0	Fund	≥50				

Drawing/Zeichnung



SERIES	H
Type A	4.2max
Type B	3.2max
Type C	3.0max

Dimensions/Abmessungen in mm

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