

HC-49M

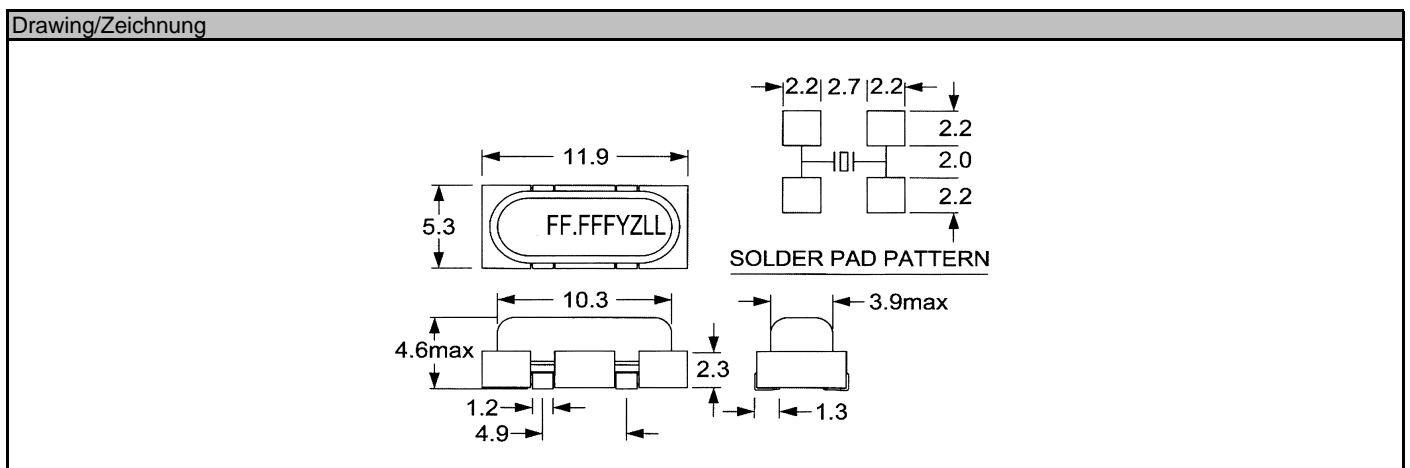
Features/Merkmale

- High Reliability/Hohe Zuverlässigkeit
- Available in Extended Temperature Range
Im erweiterten Temperaturbereich verfügbar
- Excellent for Automototive Applications
sehr gut für Automotiv Anwendungen geeignet



Specifications/Spezifikationen			
		Symbol	Remarks/Bemerkungen
Frequency range/Frequenz		f	3,500MHz - 40.000MHz 30.000MHz - 80.000MHz
Frequency tolerance (std.), Ta=25°C / Frequenztoleranz		?f/f	± 30ppm, ± 50PPM Others are offered/auf Anfrage
Load capacitance/Lastkapazität		C _L	Fund: 10pf - 8, O.T.: 5pF - 8 Please specify/Bitte angeben
Temperature Tolerance (std.) / Temperaturtoleranz		?f/f	± 50ppm, ± 100ppm 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; -40°C - 105°C Others are offered/auf Anfrage
Drive Level	Maximum drive level	M _{DL}	1000µW
	Recommended drive level	R _{DL}	20µW - 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		?f _A	± 5PPM/Year/Jahr max

Resistance of series Resonance (ESR), Serienwiderstand						
Frequency/Frequenz (MHz)	Mode/Schwingung	Ohm		Frequency/Frequenz (MHz)	Mode/Schwingung	Ohm
3,5 = f < 4,5	Fund	150		15 = f < 18	Fund	30
4,5 = f < 6,0	Fund	90		18 = f < 25	Fund	25
6,0 = f < 8,0	Fund	70		25 = f < 33	Fund BT	20 40
8,0 = f < 10	Fund	60		28 = f < 35	3 rd O.T	100
10 = f < 12	Fund	50		35 = f < 40	3 rd O.T	80
12 = f < 15	Fund	40		40 = f < 80	3 rd O.T	70



Dimensions/Abmessungen in mm

Remarks/Bemerkungen:

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