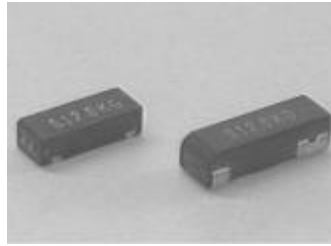


MG3A, MG7A

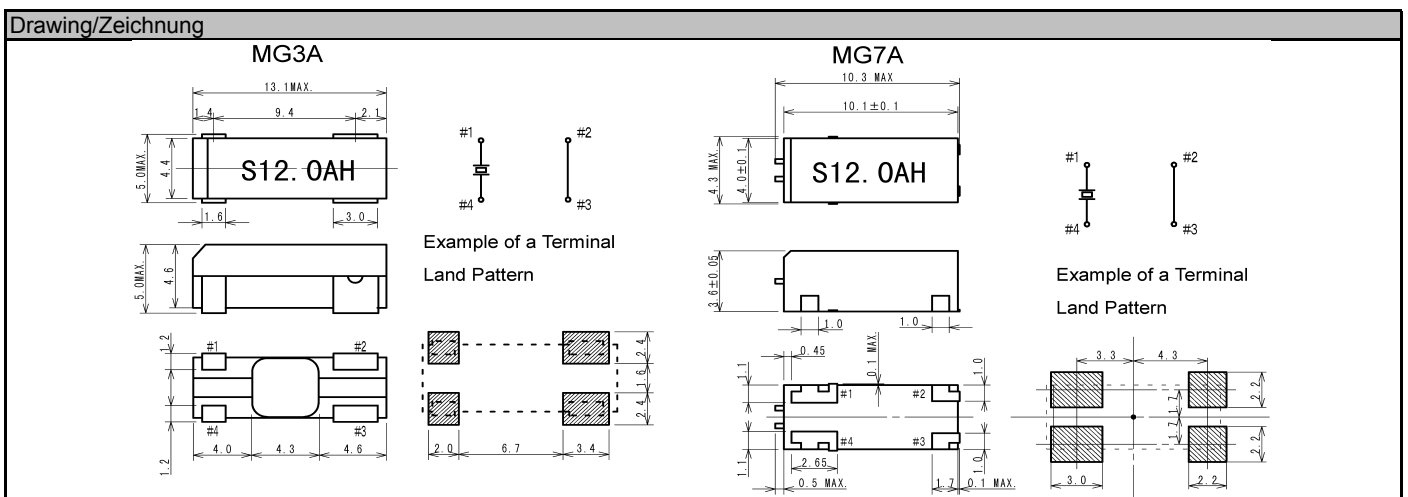
Features/Merkmale

- Compact Package/kompakte Gehäuse
- Surface mounting type/Oberflächenmontierbar
- Reflow soldering is possible
für den Reflow Lötprozess geeignet



Specifications/Spezifikationen			
		Symbol	Remarks/Bemerkungen
Frequency range/Frequenz		f	3,579MHz - 40.000MHz 30.000MHz - 90.000MHz
Frequency tolerance (std.), Ta=25°C / Frequenztoleranz		?f/f	± 30ppm Others are offered/auf Anfrage
Load capacitance/Lastkapazität		C _L	Serie, 10pF, 12pF, 16pF 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 - +90°C
	Operating Temp./Arbeitstemp.	T _{OPR}	-10°C - +70°C; -40°C - 85°C Others are offered/auf Anfrage
Drive Level	Maximum drive level	M _{DL}	100µW
	Recommended drive level	R _{DL}	10µW
Series resistance/Serienwiderstand		R ₁	As Per Table/siehe Tabelle
Shunt capacitance/Statische Kapazität		C ₀	5pF max
Insulation resistance/Isolationswiderstand		IR	500M Ohm
Aging/Alterung		?f _A	±3, ± 5PPM/Year/Jahr

Resistance of series Resonance (ESR), Serienwiderstand					
Frequency/Frequenz (MHz)	Mode/Schwingung	Ohm	Frequency/Frequenz (MHz)	Mode/Schwingung	Ohm
3,5 = f < 4,0	Fund	200	13 = f < 19	Fund	35
4,0 = f < 4,5	Fund	150	19 = f < 40	Fund	25
4,5 = f < 5,0	Fund	120	30 = f < 35	3 rd O.T	80
5,0 = f < 6,0	Fund	100	35 = f < 40	3 rd O.T	70
6,0 = f < 9,0	Fund	80	40 = f < 45	3 rd O.T	65
9,0 = f < 10,0	Fund	60	45 = f < 50	3 rd O.T	60
10 = f < 13	Fund	50	50 = f < 90	3 rd O.T	80



Dimensions/Abmessungen in mm

Remarks/Bemerkungen:

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