



AC1045/4

Features:

- SMD
- ultra-thin and small leadless type
- for high mechanical demands available

Specifications			
	Symbol	AC1045	Remarks
Frequency range	f	3.276800MHz ~ 7.000MHz	Fundamental mode
Frequency tolerance, Ta=25°C	f/f	±20ppm	Please specify
Load capacitance	C _L	10pF ~ series	Please specify
Temperature tolerance	f/f	±20ppm	Please specify
Temperature range	Storage temperature	T _{STG}	-55°C ~ +125°C
	Operating temperature	T _{OPR}	-20°C ~ +70°C
Drive level	Maximum drive level	M _{DL}	500µW
	Recommended drive level	R _{DL}	0.1mW
Series resistance	R ₁	As per table	25°C ±3°C
Shunt capacitance	C ₀	7pF	Max
Insulation resistance	I _R	500M Ohm	Max
Aging	f _A	±5ppm/Year max	Others are offered

Resistance of series resonance (ESR)			
Frequency (MHz)	Mode	Ohm max	
3,276800 ≤ f < 7.0	Fundamental	150	

Drawing

AC1045

Dimensions in mm

Order key								
Q	- 5.000000M	- AC1045/4	- F	- 30	- 30	- D	- 16	- TR
Part	Frequency	Package	Mode of oscillation	Frequency tolerance	Temperature tolerance	Temperature range	Load capacitance	Option
Q=Quartz	M=MHz	AC1045/4 /4 = 4 pads	F=fund.	±ppm (25°C)	±ppm (Temp. range)	A= 0°C ~ +70°C B= -10°C ~ +60°C C= -10°C ~ +70°C D= -20°C ~ +70°C E= -40°C ~ +85°C	pF SR=series	TR=Tape and reel X=Special options