



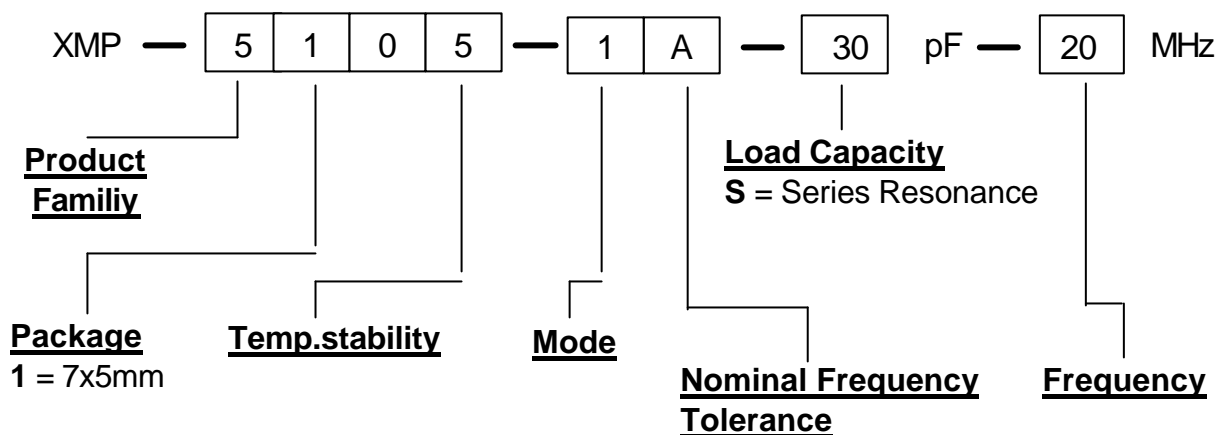
XMP-5100

5x7mm Ceramic SMD Package



Specification :	
Frequency range, Mode of vibration :	1: 8MHz to 40MHz fundamental 3: 30MHz to 80MHz 3 rd overtone
Temperature stability Options : -20 / +70°C : -40 / +85°C :	1: ± 25 ppm 2: ± 50ppm 3: ± 100ppm 4: ± 25 ppm 5: ± 50ppm 6: ± 100ppm
Nom. Frequency tolerance at 25°C :	A: ± 25 ppm B: ± 50ppm C: ± 100ppm
Load capacity CL :	15pF to 32pF and Series Resonance available
R1max :	See table page 2
Co :	7pF max
Drive level :	0.1mW standard
Aging :	± 3ppm/1 st year

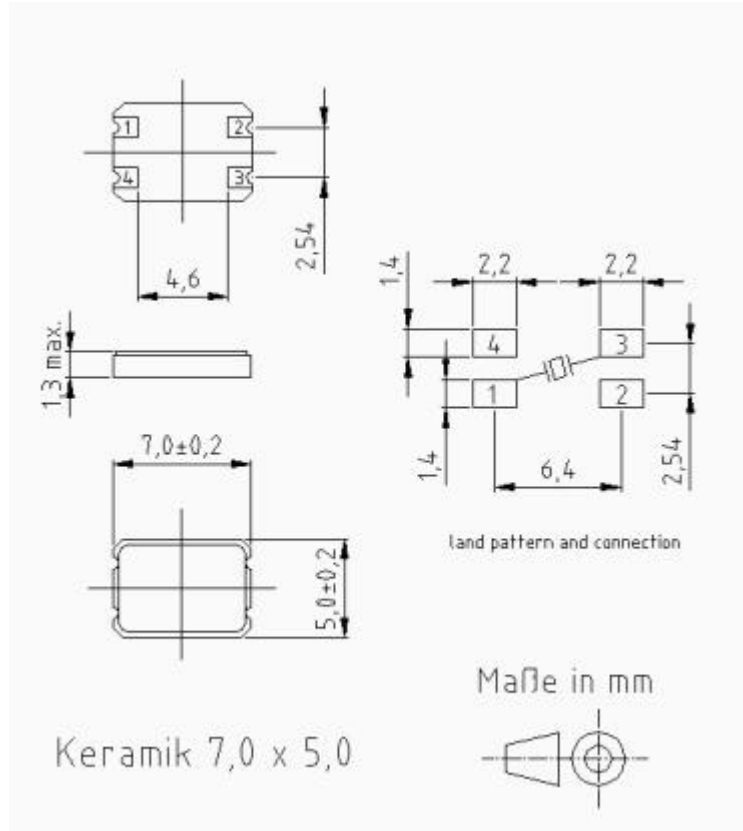
Ordering Information :



Typical Part Number : XMP-5105-1A-30pF-20MHz
 Package = 7x5mm ceramic
 Mode = fund.
 Temp.stab = ± 50ppm vs. (-40/+85)°C
 Adjustment tol = ± 25ppm
 CL = 30pF
 Frequency = 20MHz

4				KVG Quartz Crystal Technology GmbH Waibstadter Str. 2 - 4 D-74924 Neckarbischofsheim Tel. +49 (0) 7263 / 648-0 Fax. +49 (0) 7263 / 6196
3				
2	R1max for 8MHz	22.06.04	M.Zupan	
1		29.01.03	M. Zupan	
ED	Description	Date	Name	

Package Drawing:



R1max as a function of frequency :

Frequency [MHz]	Mode	R1max [Ohm]
8.00 ... 9.00	fund.	150
9.00 ... 10.9	fund.	120
11.0 ... 17.9	fund.	50
18.0 ... 40.0	fund.	30
30.0 ... 80.0	3 rd OT	80

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