



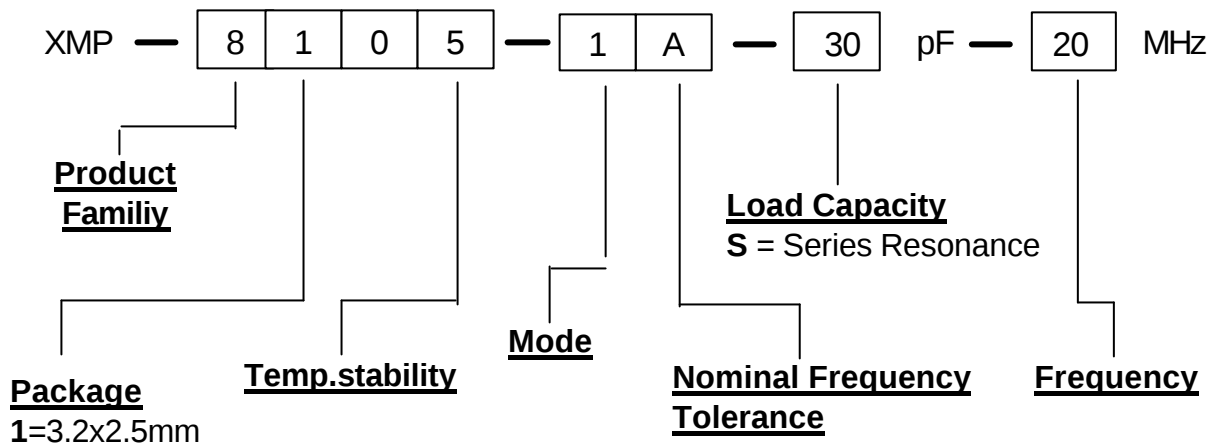
XMP-8100



3.2x2.5mm Ceramic SMD Package

Specification :	
Frequency range, Mode of vibration :	1: 12MHz to 48MHz fundamental
Temperature stability Options : -20 / +70°C : -40 / +85°C :	1: ± 25 ppm 2: ± 50ppm 3: ± 100ppm 4: ± 25 ppm 5: ± 50ppm 6: ± 100ppm
Adjustment tolerance at 25°C ± 3°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-9105-1A-30pF-20MHz

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				
1		11.05.06	M. Zupan	
ED	Description	Date	Name	

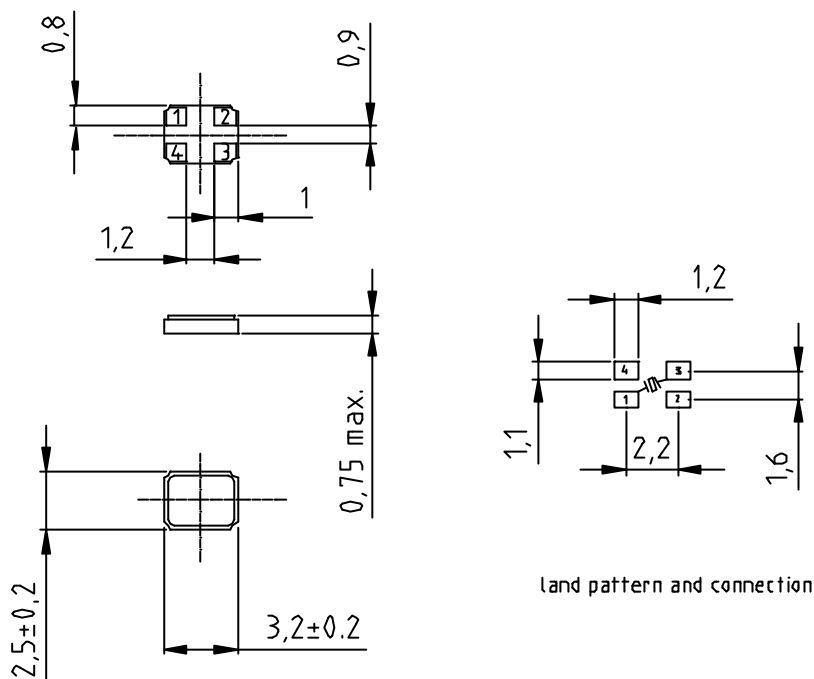


XMP-8100

3.2x2.5mm Ceramic SMD Package



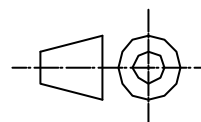
Package Drawing:



land pattern and connection

Maße in mm

Keramik 3,2 x 2,5



R1max as a function of frequency :

Frequency [MHz]	Mode	R1max [Ohm]
12.0 ... 12.9	fund.	150
13.0 ... 19.4	fund.	100
19.5 ... 26.9	fund.	80
27.0 ... 48.0	fund.	60

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1		29.01.03	M. Zupan	
ED	Description	Date	Name	

XMP-7100

Subject to technical modification

Sheet 2 of 2