



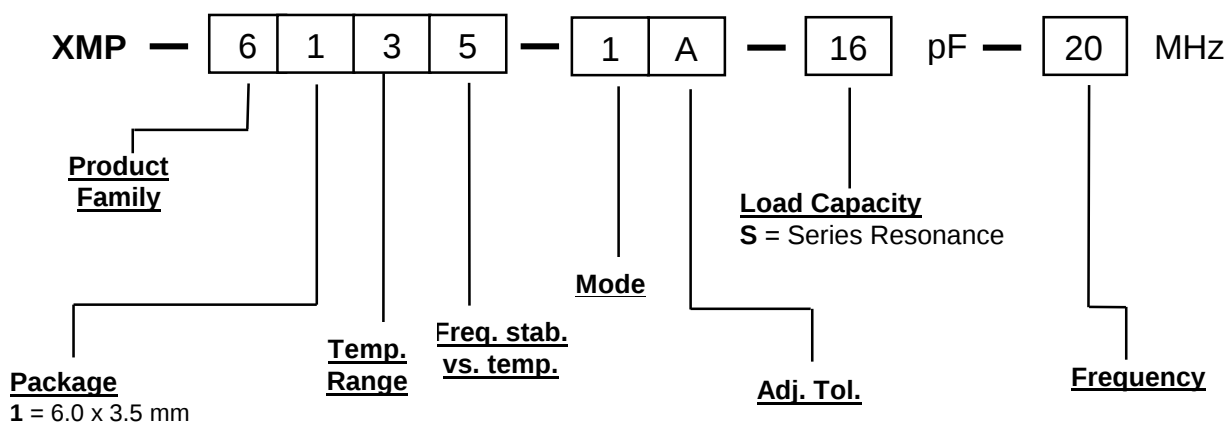
XMP-6100



6.0 mm x 3.5 mm Ceramic SMD Package

Specification :	
Frequency range, Mode of vibration :	1: 8.000 MHz to 48 MHz fundamental 2: 48.000 MHz to 86.000 MHz 3 rd overtone
Temperature range options:	0: 0 to +50 °C 1: -10 to +60 °C 2: -20 to +70 °C 3: -40 to +85 °C
Frequency stability vs. temperature options :	1: ± 5 ppm 2: ± 10 ppm 3: ± 15 ppm 4: ± 20 ppm 5: ± 30 ppm 6: ± 50 ppm
Adjustment tolerance at +25 °C:	A: ± 10 ppm B: ± 15 ppm C: ± 20 ppm D: ± 25 ppm E: ± 30 ppm F: ± 50 ppm
Load capacity CL :	8 pF to 32 pF and series resonance available
R1max :	See table page 2
Co :	3 pF max
Drive level :	0.01 mW standard; 0.1 mW max.
Aging :	≤ ±1 ppm/year

Ordering Information :



Typical Part Number: **XMP-6135-1A-16pF-20 MHz**

Mode = fund.
 Temp. range = -40 to +85 °C
 Freq.stab. = ± 30 ppm
 Adjust. tol = ± 10 ppm.,
 C_L = 16 pF
 Frequency = 20 MHz

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	Ordering coding scheme	03.01.2008	Rudolph	
1		29.01.2003	M. Zupan	
ED	Description	Date	Name	

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Subject to technical modification

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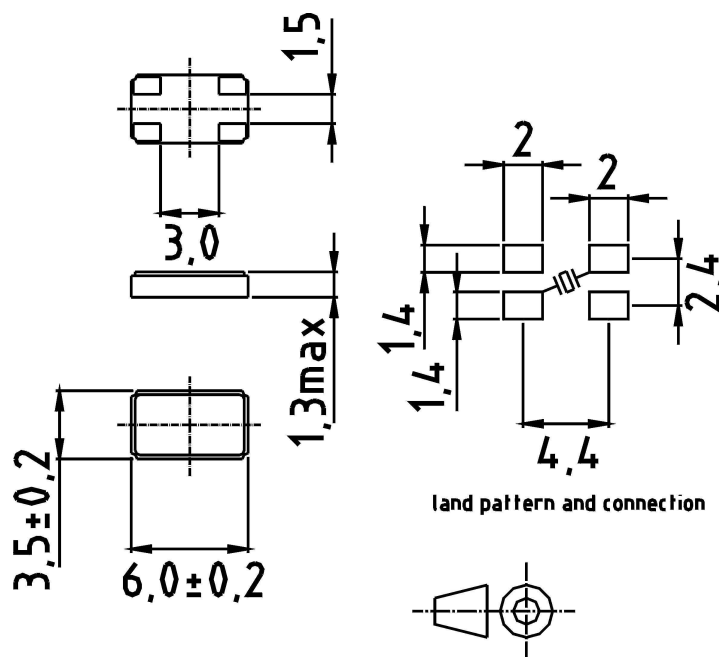


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6.0 mm x 3.5 mm Ceramic SMD Package



Package Drawing:



R_{1max} vs. frequency :

Frequency [MHz]	Mode	R _{1max} [Ohm]
8.0 9.0	fund.	100
9.0 ... 10.0	fund.	80
10.0 ... 12.0	fund.	60
12.0 ... 13.0	fund.	50
13.0 ... 19.0	fund.	45
19.0 ... 20.0	fund.	40
20.0 ... 30.0	fund.	35
30.0 ... 48.0	fund.	30

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