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Surface Mount Ceramic Capacitors
Specifications

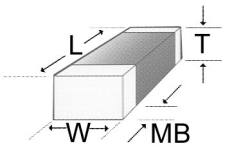
NOVACAP A DOVER COMPANY

Part Number Determination

1206N272J101NXTM								
1206	**N**	**272**	**J**	**101**	**N**	**X**	**T**	**M**
SIZE	DIELECTRIC	CAPACITANCE CODE	TOLERANCE	VOLTAGE	TERMINATION	THICKNESS OPTION	PACKAGING OPTION	MARKING OPTION
0402 0504 0603 0805 1005 1206 1210 1808 1812 1825 2221 2225	N=NPO B=X7R X=BX Z=Z5U Y=Y5V D=200°C NPO E=200°C X7R	In pF, 2 Significant digits and a 3rd that indicates the number of zeros to follow 102=1000pF	B=±0.1pF C=±0.25pF D=±0.5pF F=±1% G=±2% H=±3% J=±5% K=±10% M=±20% Z=+80%-20% P=+100%-0%	160=16V 250=25V 500=50V 101=100V 201=200V 251=250V 301=300V 401=400V 501=500V 601=600V 801=800V 102=1KV 152=1.5KV 202=2KV 302=3KV 402=4KV	N=Nickel Barrier (SnPb) (90 Tin/10 Lead) P=Silver Palladium(AgPd) V=Non Solderable Silver	X=Non standard thickness. Specifiy in Mils if Non EIA thickness is required.	T=Tape & Reel Blank=Bulk	M=Marked

Package Dimensions (in/mm)

Size	0603	0805	1206	1210	1808	1812	1825
Length L	.060 (1.52)	.080 (2.03)	.125 (3.18)	.125 (3.18)	.180 (4.57)	.180 (4.57)	.180 (4.57)
Width W	.030 (.760)	.050 (1.27)	.060 (1.52)	.100 (2.54)	.080 (2.03)	.125 (3.18)	.250 (6.35)
T Max	.035 (.889)	.054 (1.37)	.064 (1.63)	.065 (1.65)	.065 (1.65)	.065 (1.65)	.080 (2.03)
MB	.014 (.355)	.020 (.508)	.020 (.508)	.020 (.508)	.024 (.610)	.024 (.610)	.024 (.610)



Land Pattern (in)

Size	A	B	C	D	E
0603	.045	.035	.030	.100	.020
0805	.065	.045	.050	.140	.020
1206	.090	.085	.050	.220	.020
1210	.130	.085	.050	.220	.020
1808	.110	.050	.140	.220	.020
1812	.150	.060	.130	.250	.020
1825	.300	.050	.140	.240	.020