

SONIQS PXX range of High Definition Polypropylene Capacitors

Technical details

Capacitance range	See size chart
Tolerance	± 5% standard. Others by request
Dissipation factor	≤ 0.001 @ 1KHz & 20±3°C
Insulation resistance	≥ 10 ⁹ MΩ-μF (C>330nF), ≥ 3 x 10 ⁹ MΩ (C≤ 330nF) @ rated voltage & 20±3°C
Rated voltage	250Vdc
Dielectric absorption	≤ 0.1% @ 20±3°C
Temperature range	-55 to +100°C

Environmental category	55/100/56 to EN 60068 - 1 (IEC 68 - 1)
Proof voltage test	1.5 x rated voltage for 30s. Not to be repeated
Vibration	EN 60068 - 2 - 6 (EIC 68 - 2 - 6) Test Fc 100 to 500 Hz 0.75mm or 98m/s ²
Bump	EN 60068 - 2 - 29 (EIC 68 - 2 - 29) Test Eb 400m/s ² 1000± 10 bumps

Size chart

CAP(μF)	L	W	T
0.15	20	10	5
0.22	20	11	6
0.33	20	12.5	8
0.47	20	15	10
0.68	20	17	12.5
1.0	30	16	11.5
1.5	30	19	14
2.2	30	22	17.5

CAP(μF)	L	W	T
3.3	30	26.5	22
4.7	34	27	22.5
6.8	34	32	27
10.0	47	31	26
15.0	47	37	32
22.0	47	44	39
33.0	60	46	41
47	60	54	49

Outline dimensions (maximum) in mm

