



PX

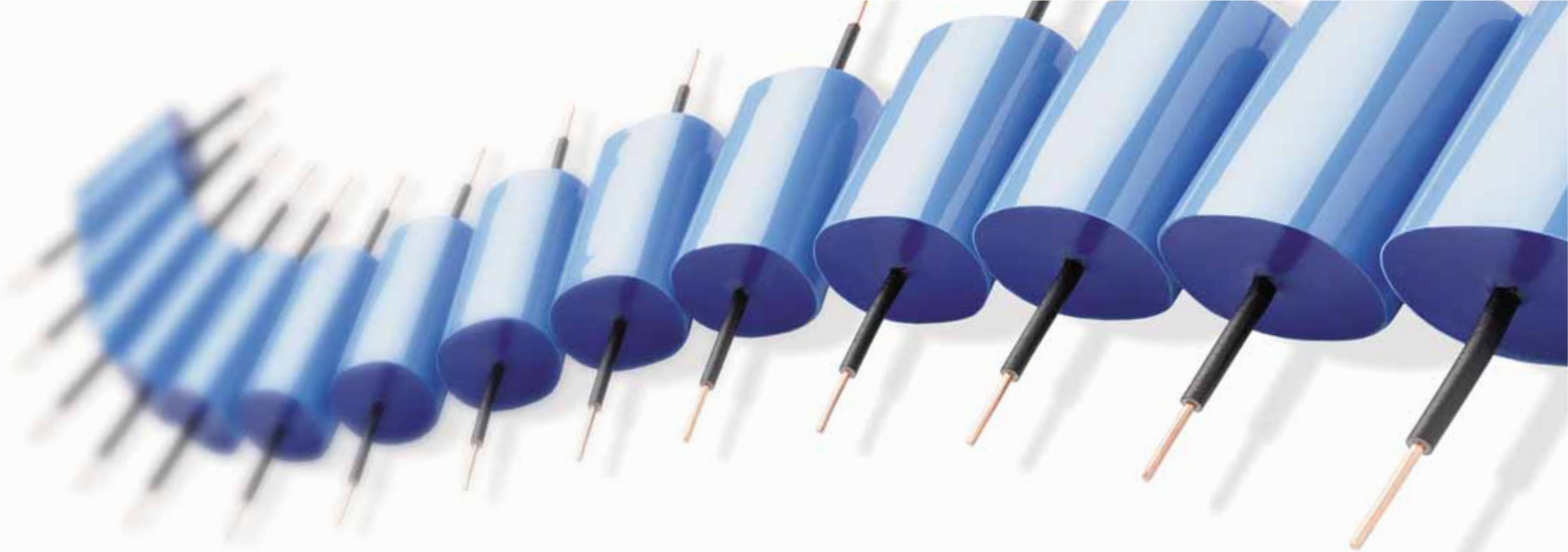
The PX range has been designed to provide characteristics midway between our PWA and SA capacitors.

Constructed from a 250Vdc(6µm) rated film, this component is spindle wound. It is then given a special heat treatment before it has insulated copper terminals hand soldered to give the best possible connection.

The inherently low dissipation and dielectric absorption factors of polypropylene allied with an excellent mechanical stability results in an extremely detailed sonic performance.

The construction also results in a low self-inductance and ESR (Equivalent Series Resistance) and the devices are highly stable with regard to temperature and frequency.

Tape and resin colours are flexible with options shown on page 16. Unless specified, capacitors would be supplied with blue tape and blue resin.



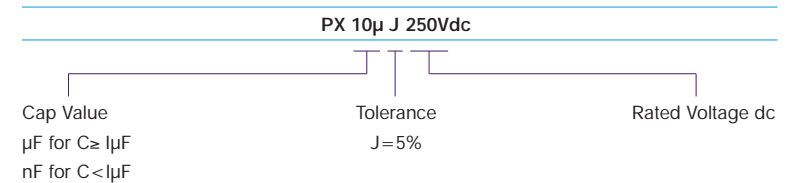
Technical details

Capacitance range	See table
Tolerance	±5% standard. Others by request
Dissipation factor	≤ 0.001 @ 1KHz & 20±3°C
Insulation resistance	≥ 10 ⁴ MΩ·μF (C>330nF), ≥ 3 x 10 ⁴ 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

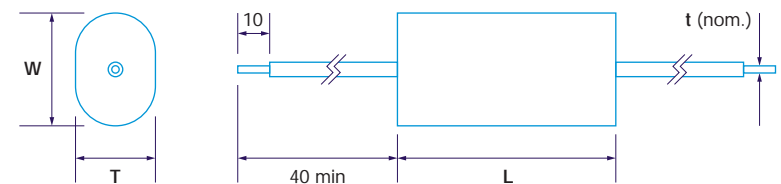
Size chart

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
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

Ordering details



Outline dimensions (maximum) in mm



Please note that intermediate capacitance values are available. Contact our sales department for details.

Terminations are PVC covered copper wire, length is a minimum of 40mm. Conductor diameter (t) is 1mm, sleeved diameter is 2.5mm.

