



Chipsmall Limited consists of a professional team with an average of over 10 year of expertise in the distribution of electronic components. Based in Hongkong, we have already established firm and mutual-benefit business relationships with customers from,Europe,America and south Asia,supplying obsolete and hard-to-find components to meet their specific needs.

With the principle of "Quality Parts,Customers Priority,Honest Operation,and Considerate Service",our business mainly focus on the distribution of electronic components. Line cards we deal with include Microchip,ALPS,ROHM,Xilinx,Pulse,ON,Everlight and Freescale. Main products comprise IC,Modules,Potentiometer,IC Socket,Relay,Connector.Our parts cover such applications as commercial,industrial, and automotives areas.

We are looking forward to setting up business relationship with you and hope to provide you with the best service and solution. Let us make a better world for our industry!



Contact us

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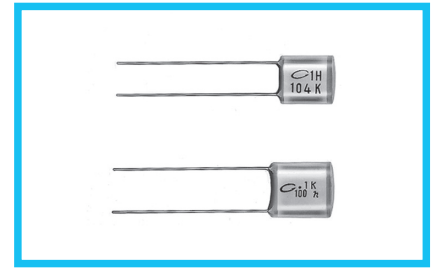
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QYX Foil Type Polyester Film Capacitor (Standard type)

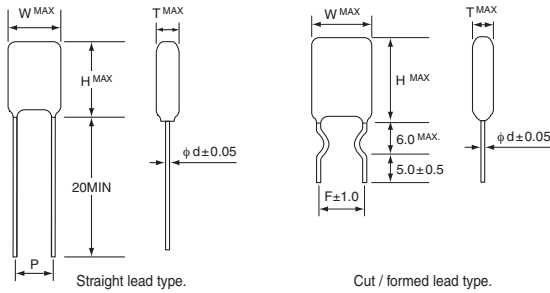
- Inductive construction, using a dielectric of polyester film together with aluminum foil.
- Coated with epoxy resin for superior heat resistance, humidity resistance and solvent resistance.
- Suited for use in commercial and industrial applications.
- Available for automatic insertion systems.
- Compliant to the RoHS directive (2011/65/EU).



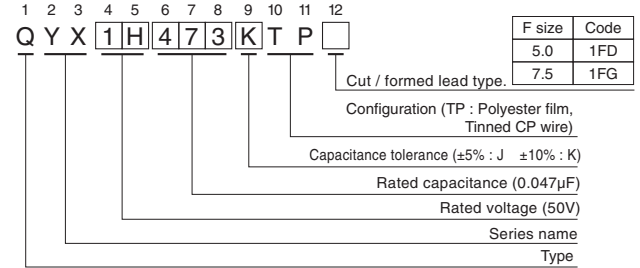
Specifications

Item	Performance Characteristics
Category Temperature Range	-40 to +85°C
Rated Voltage	50, 100VDC
Rated Capacitance Range	0.001 to 0.47μF
Capacitance Tolerance	±5% (J), ±10% (K)
Dielectric Loss Tangent	0.8% or less (at 1kHz 20°C)
Insulation Resistance	30000 MΩ or more
Withstand Voltage	Between Terminals : Rated Voltage × 250%, 1 to 5 secs. Between Terminals and Coverage : Rated Voltage × 200%, 1 to 5 secs.
Encapsulation	Epoxy resin

Drawing



Type numbering system (Example : 50V 0.047μF)



Dimensions

Unit : mm

Cap. (μF)	V (Code) Code	Size	50VDC (1H)						100VDC (2A)					
			T	W	H	d	P	F	T	W	H	d	P	F
0.001	102		2.5	5.0	8.5	0.5	3.5 ± 0.75	5.0	2.8	5.5	11.5	0.5	3.5 ^{+1.0} _{-1.2}	5.0
0.0015	152		2.5	5.0	8.5	0.5	3.5 ± 0.75	5.0	2.8	5.5	12.0	0.5	3.5 ^{+1.0} _{-1.2}	5.0
0.0022	222		3.0	5.5	8.5	0.5	3.5 ± 0.75	5.0	2.8	5.5	12.0	0.5	3.5 ^{+1.0} _{-1.2}	5.0
0.0033	332		3.0	5.5	8.5	0.5	3.5 ± 0.75	5.0	2.8	5.5	12.0	0.5	3.5 ^{+1.0} _{-1.2}	5.0
0.0047	472		3.0	6.0	8.5	0.5	3.5 ± 0.75	5.0	3.0	6.0	12.0	0.5	3.5 ^{+1.0} _{-1.2}	5.0
0.0068	682		3.5	6.0	8.5	0.5	3.5 ± 0.75	5.0	3.0	6.0	12.0	0.5	5.0 ± 1.0	5.0
0.01	103		3.5	6.0	8.5	0.5	3.5 ± 0.75	5.0	3.0	6.5	12.0	0.5	5.0 ± 1.0	5.0
0.015	153		3.5	6.0	10.0	0.5	3.5 ± 0.75	5.0	3.0	6.5	13.0	0.5	5.0 ± 1.0	5.0
0.022	223		3.5	6.5	10.5	0.5	3.5 ± 0.75	5.0	3.5	7.0	13.0	0.5	5.0 ± 1.0	5.0
0.033	333		4.0	7.0	10.5	0.5	3.5 ± 0.75	5.0	3.5	7.5	13.0	0.5	5.0 ± 1.0	5.0
0.047	473		4.5	7.5	11.0	0.5	5.0 ± 1.0	5.0	4.5	8.5	14.0	0.5	5.0 ± 1.0	5.0
0.068	683		5.0	8.0	11.0	0.5	5.0 ± 1.0	5.0	4.5	9.5	14.0	0.5	7.5 ^{+1.0} _{-1.2}	7.5
0.1	104		5.5	9.0	12.0	0.5	5.0 ± 1.0	5.0	5.5	11.0	14.0	0.5	7.5 ^{+1.0} _{-1.2}	7.5
0.15	154		6.5	10.0	13.5	0.5	5.0 ± 1.0	5.0	6.0	12.5	15.5	0.5	10.0 ^{+1.0} _{-1.2}	7.5
0.22	224		7.0	11.0	13.5	0.5	7.5 ^{+1.0} _{-1.2}	7.5	7.0	14.0	15.5	0.5	10.0 ^{+1.0} _{-1.2}	7.5
0.33	334		8.0	12.5	16.0	0.6	7.5 ^{+1.0} _{-1.2}	7.5	8.0	14.5	18.5	0.6	10.0 ^{+1.0} _{-1.2}	7.5
0.47	474		9.5	14.0	16.5	0.6	7.5 ^{+1.0} _{-1.2}	7.5	9.5	16.5	18.5	0.6	10.0 ^{+1.0} _{-1.2}	7.5

F : lead pitch for cut / formed lead wires.