

WYP Series

Part Numbering System

Metallized Polypropylene Film Capacitors

Example:

WYP - **103** **M** **L04** **(51)**
(1) **(2)** **(3)** **(4)** **(5)**

- (1) Metallized Polypropylene Film Suppressors(Y2)**
WYP = WYP Series

- (2) Capacitance**
 Example: **103** = 0.010 μ F
 WYP Series available in 0.01-0.1 μ F

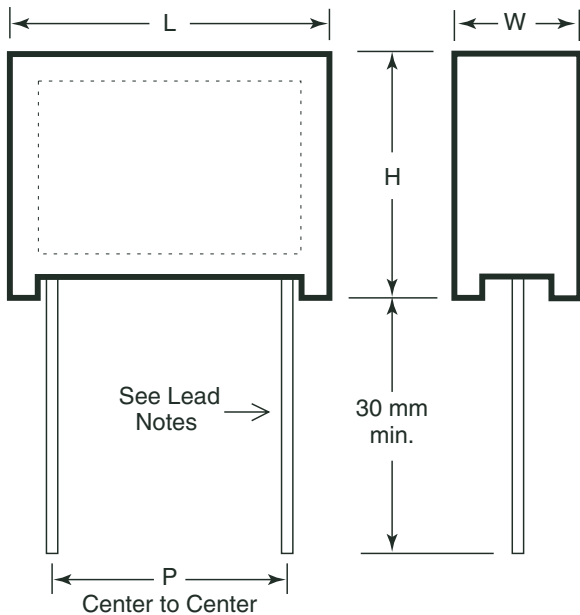
- (3) Tolerance**
M = $\pm 20\%$

- (4) Lead Lengths**
Nil = 30mm min, Solid uninsulated wire ϕ = 0.8mm diameter
L04 = 4 \pm 1mm, Solid uninsulated wire ϕ = 0.8mm diameter
L05 = 5 \pm 1mm, Solid uninsulated wire ϕ = 0.8mm diameter
L06 = 6 \pm 1mm, Solid uninsulated wire ϕ = 0.8mm diameter

- (5) Custom Lead Length suffix**
 Example: **(45)** = 45mm lead length*

* If longer lead length other than standard 30mm min is required that lead length is noted after the part number (i.e.: for 45mm lead length (45).)

Uninsulated Leads Versions



WYP Series (continued)**WYP Dimensions**

Part Number	L ±0.3 mm	H ±0.3 mm	W ±0.3 mm	P ±0.5 mm	Quantity Per Box	
					Long Lead 30-35mm	Short Lead 4, 5, 6mm
WYP-103M	18.0	10.5	5.5	15.0	500	1300
WYP-153M	18.0	12.5	6.5	15.0	400	950
WYP-223M	18.0	13.5	7.5	15.0	400	750
WYP-273M	18.0	14.5	8.5	15.0	400	650
WYP-333M	18.0	17.0	8.5	15.0	300	550
WYP-473M	26.5	15.5	7.5	22.0	200	480
WYP-683M	26.5	16.5	8.5	22.0	200	400
WYP-104M	26.5	18.5	10.5	22.5	150	330

WYP Specifications

Part Number		Tolerance	dv/dt	Dissipation Factor (DF)	Insulation Resistance (IR)	Test Voltage for 2 seconds	Rated Voltage 50/60Hz to 440Hz	Typical Resonant Frequencies
	µF	%	v/µs	% at 10kHz	MΩ	VDC	VAC	fo - MHz
WYP-103M	0.010	±20	700	≤0.08	≥30000	2700	275	15
WYP-153M	0.015	±20	700	≤0.08	≥30000	2700	275	12
WYP-223M	0.022	±20	700	≤0.08	≥30000	2700	275	10
WYP-273M	0.027	±20	700	≤0.08	≥30000	2700	275	8.1
WYP-333M	0.033	±20	700	≤0.08	≥30000	2700	275	6.9
WYP-473M	0.047	±20	500	≤0.08	≥30000	2700	275	5.5
WYP-683M	0.068	±20	500	≤0.08	≥30000	2700	275	4.7
WYP-104M	0.100	±20	500	≤0.08	≥30000	2700	275	4.0

1. All measurements are based on 5mm lead lengths at nominal C values.
2. Actual resonant frequencies will depend also on the total length of the circuit connections to the capacitor terminals and capacitor's actual C value.
3. Our factory tests each production lot for 100% to the test voltages listed above. After the test voltage has been applied, 100% of all production is tested for DF, IR and capacitance to insure all suppressors comply with electrical specifications.