

Y2-CLASS FILM CAPACITOR

TYPE : MEY

Construction: Metallized Polypropylene Film
 Rated voltage: 275VAC.
 Capacitance tolerance: $\pm 20\%$ (M) $\pm 10\%$ (K)
 Climatic Category: 40/100/21 according to IEC, pub 68-1
 according to EN 132400
 Passive Flammability: according to EN 132400
 Temperature range: -40°C to $+100^{\circ}\text{C}$
 Test voltage:
 Max pulse rise time duldt, at 353VDC:

4000vdc 1s or 2600vac 2s
 3000V/ μs for 1000PF
 2500V/ μs for 1500PF
 2000V/ μs for 2200PF to 5600PF
 1000V/ μs for 6800PF to 100,000PF

Insulation resistance at 20°C

Um: 100VDC, t min: $R \geq 15000\text{M}\Omega$

Dielectric loss tan δ at f=1KHZ and 20°C $\leq 15 \times 10^{-4}$

Soldering: IEC pub 1. 68-2-20, max 2s

Soldering time on printed

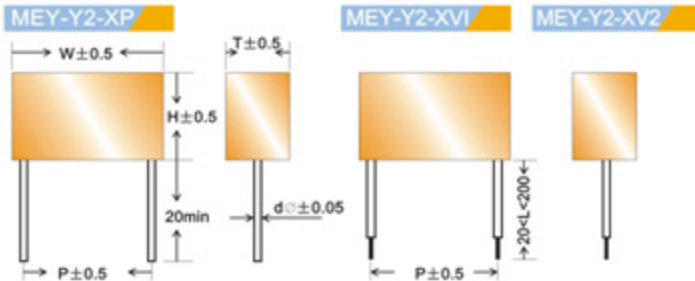
Circuit:

Selfinductance:

max. 5s at 270°C
 approx. 10nh/cm of capacitor length
 and terminals

Complies to:

1EC pub1. 384-14; EN 132400
 UI1283, U/1414. CSA C22.2 No.1
 CSA C22.2 No.8



Casing: thermoplastic, sealed with
 synthetical resin

Thermoplastic material is self extinguishing according to
 UI94, class V-0

Electrical connection



Terminals		
Type	Terminal length	Type of terminals
MEY-Y2-XP	$4 \pm 0.5, 6-1, 25 \pm 5\text{mm}$ other on request	Tinned copper wire
MEY-Y2-XV1	20 to 200mm	Insulated stranded wire 0.5mm^2
MEY-Y2-XV2	20 to 200mm	Insulated stranded wire 0.8mm^2
		End terminals on request

Standard values MEY-Y2-XV, MEY-Y2-XP 275VAC class Y2

Capacitance C(PF)	Dimensions					Capacitance C(PF)	Dimensions				
	W	H	T	P	d \varnothing		W	H	T	P	d \varnothing
1000	13.0	9.0	4.0	10.0	0.6	1000	18.0	11.0	5.0	15.0	0.8
1500	13.0	9.0	4.0	10.0	0.6	15000	18.0	12.0	6.0	15.0	0.8
2200	13.0	9.0	4.0	10.0	0.6	22000	18.0	13.0	7.5	15.0	0.8
2700	13.0	11.0	5.0	10.0	0.6	33000	18.0	13.0	7.5	15.0	0.8
3300	13.0	11.0	5.0	10.0	0.6	47000	18.0	14.5	8.5	15.0	0.8
4700	13.0	12.0	6.0	10.0	0.6	68000	18.0	16.0	10.0	15.0	0.8
5600	13.0	12.0	6.0	10.0	0.6	100,000	18.0	19.0	11.0	15.0	0.8
6800	18.0	11.0	5.0	15.0	0.8						