

GENERAL TECHNICAL CHARACTERISTICS

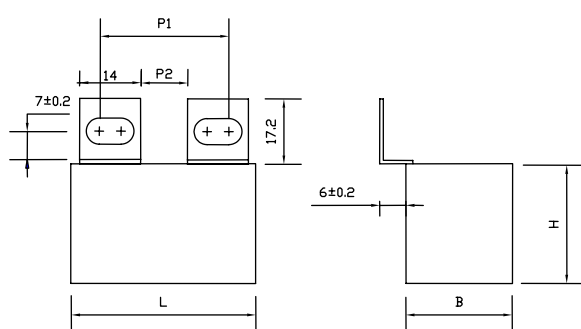
Dielectric : Polypropylene film
 Construction : Extended double side metallized carrier film
 with internal series connection and metallized film
 Case : Solvent resistant plastic case with resin sealing .
 Flame retardant execution (UL94V-0).
 Leads: Tinned copper lugs for screw fixing
 or soldering on PCBS

ELECTRICAL CHARACTERISTICS

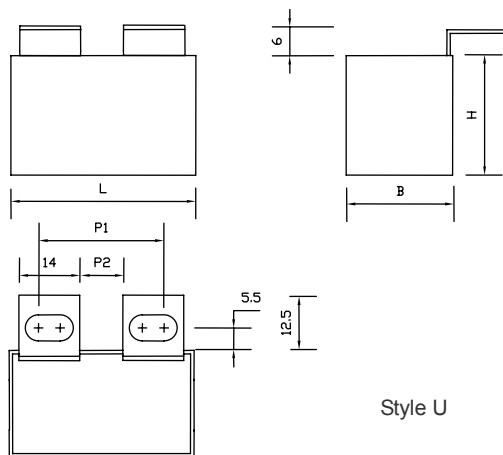
Working temperature : - 40 to + 85 °C
 Capacitance : 0.047 to 5.6μF
 Rated Voltage : 700 to 3000 Vdc
 Tolerance : ± 5%, ± 10%
 Dissipation factor: Measured at 1000±20 Hz AND 25±5°C.
 When $C_r \leq 1.0\mu F$, 4×10^{-4} ;
 When $C_r > 1.0\mu F$, 6×10^{-4}

TEST METHODS AND PERFORMANCES

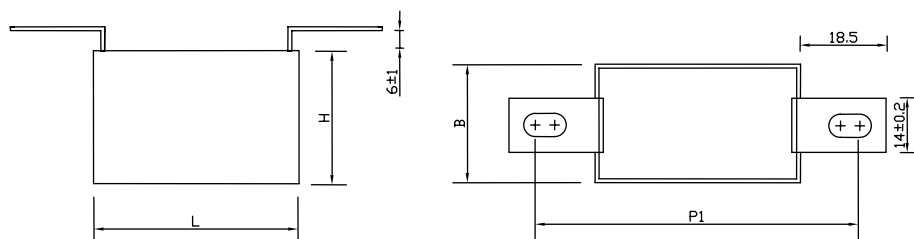
Dielectric strength: 2Ur (DC) applied for 10s at 25±5°C
 (1 minute for type test)
 Insulation resistance : 3000s but need not exceed 30GΩ
 (typical value), after 1 minute of
 electrification at 100Vdc (25±5°C)



Style B



Style U



Style E

Fixing pitch and distance between lugs : M6 for B and U, M8 for E Style

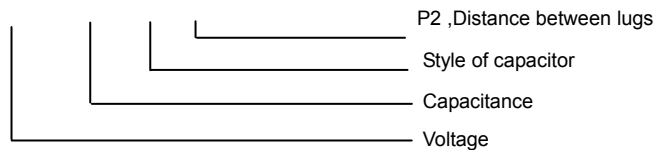
Style	B				U				E
Length (mm)	P2	P1	P2	P1	P2	P1	P2	P1	P1
42.5	11	23- 28	8	20- 25	11	23- 28	8	20- 25	51- 64
57.5	11	23- 28	24	37- 42	11	23- 28	24	37- 42	65- 78

Electrical specifications, ordering codes

Part Nubmer	Cap (μ F)	Dimension (mm)			Du/dt (v/ μ s)	Ipeak A	Irms max. (A)	ESR (m Ω)
		L	B	H				
Ur 700Vdc, Urms 380Vac, Upk 1000Vdc								
STM-700-1.2- <i>##</i>	1.2	42.5	24.5	27.5	325	390	16.5	3.1
STM-700-2.0- <i>##</i>	2.0	42.5	33.5	35.5	325	650	22.0	2.5
STM-700-2.2- <i>##</i>	2.2	42.5	33.5	35.5	325	715	22.5	2.4
STM-700-2.5- <i>##</i>	2.5	42.5	33.5	35.5	325	812	23.0	2.2
STM-700-3.0- <i>##</i>	3.0	42.5	33.0	45.0	325	975	26.0	2.1
STM-700-3.3- <i>##</i>	3.3	42.5	33.0	45.0	325	1072	26.5	2.1
STM-700-3.5- <i>##</i>	3.5	42.5	33.0	45.0	325	1140	27.0	2.0
STM-700-4.0- <i>##</i>	4.0	57.5	30.0	45.0	220	880	27.0	2.3
STM-700-4.7- <i>##</i>	4.7	57.5	35.0	50.0	220	1034	31.0	2.1
STM-700-5.0- <i>##</i>	5.0	57.5	35.0	50.0	220	1100	31.0	2.1
STM-700-5.6- <i>##</i>	5.6	57.5	35.0	50.0	220	1232	32.0	2.0
Ur 850Vdc, Urms 450Vac, Upk 1200Vdc								
STM-850-0.82- <i>##</i>	0.82	42.5	24.5	27.5	400	328	15.5	3.1
STM-850-1.0- <i>##</i>	1.0	42.5	24.5	27.5	400	400	17.5	2.7
STM-850-1.5- <i>##</i>	1.5	42.5	33.5	35.5	400	600	23.0	2.2
STM-850-2.0- <i>##</i>	2.0	42.5	33.5	35.5	400	700	23.5	2.2
STM-850-2.2- <i>##</i>	2.2	42.5	33.5	35.5	400	800	26.5	2.0
STM-850-2.5- <i>##</i>	2.5	42.5	33.0	45.0	400	880	27.0	2.0
STM-850-3.0- <i>##</i>	3.0	57.5	30.0	45.0	400	1000	28.0	1.9
STM-850-3.3- <i>##</i>	3.3	57.5	30.0	45.0	280	840	28.5	2.2
STM-850-4.0- <i>##</i>	4.0	57.5	35.0	50.0	280	924	29.5	2.1
STM-850-4.7- <i>##</i>	4.7	57.5	35.0	50.0	280	1120	32.0	1.9
Ur 1000Vdc, Urms 480Vac, Upk 1400Vdc								
STM-1000-0.68- <i>##</i>	0.68	42.5	24.5	27.5	500	340	15.0	3.3
STM-1000-0.75- <i>##</i>	0.75	42.5	24.5	27.5	500	375	15.5	3.2
STM-1000-1.20- <i>##</i>	1.2	42.5	33.5	35.5	500	600	22.0	2.5
STM-1000-1.50- <i>##</i>	1.5	42.5	33.5	35.5	500	750	23.5	2.2
STM-1000-1.75- <i>##</i>	1.75	42.5	33.0	45.0	500	875	25.5	2.1
STM-1000-2.0- <i>##</i>	2.0	42.5	33.0	45.0	500	1000	26.5	2.0
STM-1000-2.2- <i>##</i>	2.2	57.5	30.0	45.0	350	770	26.5	2.5
STM-1000-3.0- <i>##</i>	3.0	57.5	35.0	50.0	350	1050	31.0	2.1
STM-1000-3.3- <i>##</i>	3.3	57.5	35.0	50.0	350	1155	31.0	2.0
Ur 1200Vdc, Urms 500Vac, Upk 1600Vdc								
STM-1200-0.33- <i>##</i>	0.33	42.5	24.5	27.5	650	210	12.0	5.1
STM-1200-0.39- <i>##</i>	0.39	42.5	24.5	27.5	650	254	13.0	4.6
STM-1200-0.47- <i>##</i>	0.47	42.5	24.5	27.5	650	308	14.0	4.1
STM-1200-0.56- <i>##</i>	0.56	42.5	24.5	27.5	650	365	14.5	3.7
STM-1200-0.68- <i>##</i>	0.68	42.5	33.5	35.5	650	442	19.0	3.3
STM-1200-0.82- <i>##</i>	0.82	42.5	33.5	35.5	650	533	20.0	3.0
STM-1200-1.0- <i>##</i>	1.0	42.5	33.5	35.5	650	650	20.5	2.7
STM-1200-1.2- <i>##</i>	1.2	42.5	33.0	45.0	650	780	23.5	2.4
STM-1200-1.5- <i>##</i>	1.5	42.5	33.0	45.0	650	975	25.0	2.1
STM-1200-2.0- <i>##</i>	2.0	57.5	30.0	45.0	455	910	27.0	2.4
STM-1200-2.2- <i>##</i>	2.2	57.5	35.0	50.0	455	1000	30.0	2.4
STM-1200-2.5- <i>##</i>	2.5	57.5	35.0	50.0	455	1138	31.0	2.3
STM-1200-3.0- <i>##</i>	3.0	57.5	35.0	50.0	455	1365	32.0	2.1

How to Order:

STM - 1200-0.47 - * #



Different values ,Custom design available upon request

More Snubber capacitors options, refer to STD,STS,STC,STB

Electrical specifications, ordering codes

Part Nubmer	Cap (μ F)	Dimension (mm)			Du/dt (v/ μ s)	Ipeak A	Irms max.	ESR (m Ω)
		L	B	H				
Ur 1500Vdc, Urms 575Vac, Upk 2000Vdc								
STM-1500-0.33- *#	0.33	42.5	24.5	27.5	800	264	13.5	4.6
STM-1500-0.39- *#	0.39	42.5	24.5	27.5	800	312	14.0	4.3
STM-1500-0.47- *#	0.47	42.5	33.5	35.5	800	376	18.0	3.7
STM-1500-0.68- *#	0.68	42.5	33.5	35.5	800	544	19.5	3.1
STM-1500-0.75- *#	0.75	42.5	33.5	35.5	800	600	20.5	2.8
STM-1500-1.0- *#	1.0	42.5	33.0	45.0	800	800	23.0	2.5
STM-1500-1.2- *#	1.2	57.5	30.0	45.0	560	672	25.0	2.8
STM-1500-1.5- *#	1.5	57.5	35.0	50.0	560	840	28.0	2.5
STM-1500-1.8- *#	1.8	57.5	35.0	50.0	560	1008	29.5	2.3
Ur 1700Vdc, Urms 575Vac, Upk 2000Vdc								
STM-1700-0.22- *#	0.22	42.5	24.5	27.5	880	194	13. 2	5.3
STM-1700-0.33- *#	0.33	42.5	24.5	27.5	880	290	14.0	5.0
STM-1700-0.47- *#	0.47	42.5	33.5	35.5	880	414	19.0	3.8
STM-1700-0.56- *#	0.56	42.5	33.5	35.5	880	493	19.5	3.1
STM-1700-0.68- *#	0.68	42.5	33.5	35.5	880	598	20.0	2.9
STM-1700-0.82- *#	0.82	42.5	33.0	45.0	880	722	22.1	2.5
STM-1700-1.0- *#	1.0	57.5	30.0	45.0	610	610	23.5	2.7
STM-1700-1.2- *#	1.2	57.5	30.0	45.0	610	732	26.2	2.6
STM-1700-1.5- *#	1.5	57.5	35.0	50.0	610	915	28.5	2.4
Ur 2000Vdc, Urms 630Vac, Upk 2400Vdc								
STM-2000- 0.1- *#	0.10	42.5	24.5	27.5	1000	100	8.0	13.0
STM-2000-0.15- *#	0.15	42.5	24.5	27.5	1000	150	10.5	7.5
STM-2000-0.22- *#	0.22	42.5	24.5	27.5	1000	220	12.0	5.1
STM-2000-0.33- *#	0.33	42.5	33.5	35.5	1000	330	16.5	4.1
STM-2000-0.39- *#	0.39	42.5	33.5	35.5	1000	390	17.5	3.6
STM-2000-0.47- *#	0.47	42.5	33.0	45.0	1000	470	20.5	3.2
STM-2000-0.56- *#	0.56	42.5	33.0	45.0	1000	560	21.5	3.0
STM-2000-0.68- *#	0.68	57.5	30.0	45.0	700	476	22.5	3.5
STM-2000-0.82- *#	0.82	57.5	30.0	45.0	700	574	24.0	3.1
STM-2000-1.0- *#	1.0	57.5	35.0	50.0	700	700	27.0	2.8
STM-2000-1.2- *#	1.2	57.5	35.0	50.0	700	840	29.0	2.4
Ur 2500Vdc, Urms 700Vac, Upk 3000Vdc								
STM-2500-0.10- *#	0.10	42.5	24.5	27.5	1350	135	9.0	11.2
STM-2500-0.15- *#	0.15	42.5	24.5	27.5	1350	202	11.0	7.2
STM-2500-0.22- *#	0.22	42.5	33.5	35.5	1350	297	15.0	5.2
STM-2500-0.33- *#	0.33	42.5	33.5	35.5	1350	445	18.0	3.8
STM-2500-0.47- *#	0.47	42.5	33.0	45.0	1350	634	22.0	3.0
STM-2500-0.56- *#	0.56	57.5	30.0	45.0	945	529	22.5	3.5
STM-2500-0.68- *#	0.68	57.5	35.0	50.0	945	643	25.0	3.2
STM-2500-0.82- *#	0.82	57.5	35.0	50.0	945	775	26.0	2.9
Ur 3000Vdc, Urms 750Vac, Upk 3500Vdc								
STM-3000-0.047- *#	0.047	42.5	24.5	27.5	1600	75	7.4	17.0
STM-3000-0.068- *#	0.068	42.5	24.5	27.5	1600	109	9.0	12.0
STM-3000-0.10- *#	0.10	42.5	33.5	35.5	1600	160	12.0	8.5
STM-3000-0.15- *#	0.15	42.5	33.5	35.5	1600	240	14.5	6.1
STM-3000-0.22- *#	0.22	42.5	33.0	45.0	1600	352	17.6	4.3
STM-3000-0.33- *#	0.33	57.5	30.0	45.0	870	287	21.0	4.2
STM-3000-0.47- *#	0.47	57.5	35.0	50.0	870	409	23.0	3.9

How to Order:

STM- 1200 - 0.47 - * #

