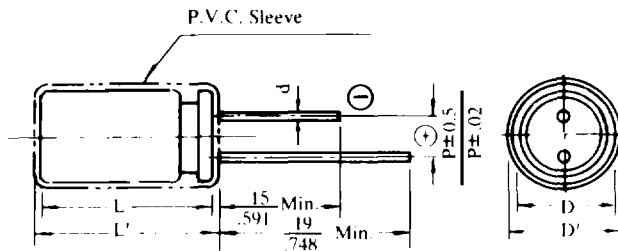




● Dimensions



**DIMENSION** Unit =  $\frac{mm}{inch}$

Dφ	3	4	5	6.3
	.118	.157	.197	.248
P	1	1.5	2	2.5
	.039	.059	.079	.098
dφ	0.4	.45	.45	.45
	.016	.018	.018	.018

• mm  
D' = (D + 0.5) Max  
L' = 6 Max

• Inches  
D' = (D + .020) Max  
L' = .236 Max

Type No.	WV (VDC)	Cap (μF) @ 120 Hz, 20°C	Max. Leakage (μA) @ 20°C	Max E S R (Ω) @ 120Hz, 20°C	Max. Ripple (mA) @ 120Hz, 85°C	Nominal Case Size	
						DxL (mm)	DxL (inches)
CELSM0G220	4	22	3	22.6	14	3 x 5	.118 x .197
CELSM0G220X	4	22	3	22.6	23	4 x 5	.157 x .197
CELSM0G330	4	33	3	15.1	28	4 x 5	.157 x .197
CELSM0G470A	4	47	3	10.6	36	4 x 5	.157 x .197
CELSM0G680	4	68	3	7.31	45	5 x 5	.197 x .197
CELSM0G101A	4	100	4	4.97	56	5 x 5	.197 x .197
CELSM0J100	6.3	10	3	41.4	12	3 x 5	.118 x .197
CELSM0J100X	6.3	10	3	41.4	17	4 x 5	.157 x .197
CELSM0J150	6.3	15	3	27.6	23	4 x 5	.157 x .197
CELSM0J220	6.3	22	3	18.8	28	4 x 5	.157 x .197
CELSM0J330	6.3	33	3	12.6	36	5 x 5	.197 x .197
CELSM0J470	6.3	47	3	8.82	44	5 x 5	.197 x .197
CELSM0J680	6.3	68	4.3	6.09	54	6.3 x 5	.248 x .197
CELSM0J101	6.3	100	6.3	4.14	70	6.3 x 5	.248 x .197
CELSM1A6R8	10	6.8	3	48.8	10	3 x 5	.118 x .197
CELSM1A6R8X	10	6.8	3	48.8	15	4 x 5	.157 x .197
CELSM1A100	10	10	3	33.2	20	4 x 5	.157 x .197
CELSM1A150	10	15	3	22.1	25	4 x 5	.157 x .197
CELSM1A220	10	22	3	15.1	32	5 x 5	.197 x .197
CELSM1A330	10	33	3.3	10.0	40	5 x 5	.197 x .197
CELSM1A470	10	47	4.7	7.05	53	6.3 x 5	.248 x .197
CELSM1A680	10	68	6.8	4.88	65	6.3 x 5	.248 x .197
CELSM1C4R7	16	4.7	3	60.0	9	3 x 5	.118 x .197
CELSM1C4R7X	16	4.7	3	60.0	14	4 x 5	.157 x .197
CELSM1C6R8	16	6.8	3	41.4	18	4 x 5	.157 x .197
CELSM1C100	16	10	3	28.2	22	4 x 5	.157 x .197
CELSM1C150	16	15	3	18.8	28	5 x 5	.197 x .197
CELSM1C220	16	22	3.5	12.8	36	5 x 5	.197 x .197
CELSM1C330	16	33	5.3	8.54	46	6.3 x 5	.248 x .197
CELSM1C470	16	47	7.5	6.00	58	6.3 x 5	.248 x .197
CELSM1E3R3	25	3.3	3	75.4	8.5	3 x 5	.118 x .197
CELSM1E3R3X	25	3.3	3	75.4	12	4 x 5	.157 x .197
CELSM1E4R7	25	4.7	3	52.9	16	4 x 5	.157 x .197
CELSM1E6R8	25	6.8	3	36.6	20	4 x 5	.157 x .197
CELSM1E100	25	10	3	24.9	26	5 x 5	.197 x .197
CELSM1E150	25	15	3.8	16.6	33	6.3 x 5	.248 x .197
CELSM1E220	25	22	5.5	11.3	41	6.3 x 5	.248 x .197
CELSM1E330	25	33	8.3	7.54	54	6.3 x 5	.248 x .197

Type No.	WV (VDC)	Cap ( $\mu$ F) (@ 120 Hz, 20°C)	Max Leakage ( $\mu$ A)@ 20°C	Max E S R ( $\Omega$ ) (@ 120Hz, 20°C)	Max Ripple (mA) (@ 120Hz, 85°C)	Nominal Case Size	
						DxL (mm)	DxL (inches)
CELSM1V2R2	35	2.2	3	90.4	7	3 x 5	.118 x .197
CELSM1V2R2X	35	2.2	3	90.4	10	4 x 5	.157 x .197
CELSM1V3R3	35	3.3	3	60.3	13	4 x 5	.157 x .197
CELSM1V4R7	35	4.7	3	42.3	18	4 x 5	.157 x .197
CELSM1V6R8	35	6.8	3	29.3	22	5 x 5	.197 x .197
CELSM1V100	35	10	3.5	19.9	28	5 x 5	.197 x .197
CELSM1V150	35	15	5.3	13.3	36	6.3 x 5	.248 x .197
CELSM1V220	35	22	7.7	9.04	45	6.3 x 5	.248 x .197
CELSM1HR10	50	0.1	3	1,658	0.5	3 x 5	.118 x .197
CELSM1HR10X	50	0.1	3	1,658	1	4 x 5	.157 x .197
CELSM1HR15	50	0.15	3	1,105	0.8	3 x 5	.118 x .197
CELSM1HR15X	50	0.15	3	1,105	1.5	4 x 5	.157 x .197
CELSM1HR22	50	0.22	3	754	1.2	3 x 5	.118 x .197
CELSM1HR22X	50	0.22	3	754	2	4 x 5	.157 x .197
CELSM1HR33	50	0.33	3	502	1.7	3 x 5	.118 x .197
CELSM1HR33X	50	0.33	3	502	2.5	4 x 5	.157 x .197
CELSM1HR47	50	0.47	3	353	2.5	3 x 5	.118 x .197
CELSM1HR47X	50	0.47	3	353	3.5	4 x 5	.157 x .197
CELSM1HR68	50	0.68	3	244	3.4	3 x 5	.118 x .197
CELSM1HR68X	50	0.68	3	244	5	4 x 5	.157 x .197
CELSM1H010	50	1	3	166	5	3 x 5	.118 x .197
CELSM1H010X	50	1	3	166	6.5	4 x 5	.157 x .197
CELSM1H1R5	50	1.5	3	111	8	3 x 5	.118 x .197
CELSM1H1R5X	50	1.5	3	111	9	4 x 5	.157 x .197
CELSM1H2R2	50	2.2	3	75.4	12	4 x 5	.157 x .197
CELSM1H3R3	50	3.3	3	50.2	16	4 x 5	.157 x .197
CELSM1H4R7	50	4.7	3	35.3	20	5 x 5	.197 x .197
CELSM1H6R8	50	6.8	3.4	24.4	26	6.3 x 5	.248 x .197
CELSM1H100	50	10	5	16.6	32	6.3 x 5	.248 x .197

• Typical Characteristics

