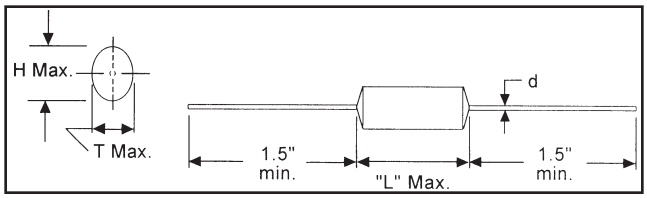
MP85O

Axial Leaded Oval

RoHS compliant

Capacitance ranges listed are for standard products. Custom applications are available for all series.



Lead Diameter:

L =	.43/11	.55/14	.75/19	1.04/26.5	1.26/32	1.77/45
d =	.02/.5	.024/.6	.024/.6	.032/.8	.032/.8	.04/1

Dimensions (Inches/mm):

µF	160VDC			250VDC			400VDC			630VDC		
	T	H	L	T	H	L	T	H	L	T	H	L
.001	.14/3.5	.24/6	.43/11	.14/3.5	.24/6	.43/11	.14/3.5	.24/6	.43/11	.14/3.5	.24/6	.43/11
.0012	.14/3.5	.24/6	.43/11	.14/3.5	.24/6	.43/11	.14/3.5	.24/6	.43/11	.14/3.5	.24/6	.43/11
.0015	.14/3.5	.24/6	.43/11	.14/3.5	.24/6	.43/11	.14/3.5	.24/6	.43/11	.14/3.5	.24/6	.43/11
.0018	.14/3.5	.24/6	.43/11	.14/3.5	.24/6	.43/11	.14/3.5	.24/6	.43/11	.14/3.5	.24/6	.43/11
.0022	.14/3.5	.24/6	.43/11	.14/3.5	.24/6	.43/11	.14/3.5	.24/6	.43/11	.14/3.5	.24/6	.43/11
.0027	.14/3.5	.24/6	.43/11	.14/3.5	.24/6	.43/11	.14/3.5	.24/6	.43/11	.14/3.5	.24/6	.43/11
.0033	.14/3.5	.24/6	.43/11	.14/3.5	.24/6	.43/11	.14/3.5	.24/6	.43/11	.16/4	.26/6.5	.43/11
.0039	.14/3.5	.24/6	.43/11	.14/3.5	.24/6	.43/11	.14/3.5	.24/6	.43/11	.16/4	.26/6.5	.43/11
.0047	.14/3.5	.24/6	.43/11	.14/3.5	.24/6	.43/11	.14/3.5	.24/6	.43/11	.16/4	.26/6.5	.55/14
.0056	.14/3.5	.24/6	.43/11	.14/3.5	.24/6	.43/11	.14/3.5	.24/6	.43/11	.16/4	.26/6.5	.55/14
.0068	.14/3.5	.24/6	.43/11	.14/3.5	.24/6	.43/11	.14/3.5	.24/6	.43/11	.16/4	.26/6.5	.55/14
.0082	.14/3.5	.24/6	.43/11	.14/3.5	.24/6	.43/11	.14/3.5	.24/6	.43/11	.16/4	.28/7	.55/14
.01	.14/3.5	.24/6	.43/11	.14/3.5	.24/6	.43/11	.14/3.5	.24/6	.43/11	.20/5	.30/7.5	.55/14
.012	.14/3.5	.24/6	.43/11	.14/3.5	.24/6	.43/11	.14/3.5	.24/6	.55/14	.20/5	.31/8	.55/14
.015	.14/3.5	.24/6	.43/11	.14/3.5	.24/6	.43/11	.14/3.5	.24/6	.55/14	.24/6	.35/9	.55/14
.018	.14/3.5	.24/6	.43/11	.14/3.5	.24/6	.43/11	.14/3.5	.26/6.5	.55/14	.20/5	.31/8	.75/19
.022	.14/3.5	.24/6	.43/11	.14/3.5	.24/6	.43/11	.16/4	.28/7	.55/14	.24/6	.35/9	.75/19
.027	.14/3.5	.24/6	.43/11	.14/3.5	.26/6.5	.43/11	.16/4	.30/7.5	.55/14	.24/6	.39/10	.75/19
.033	.14/3.5	.24/6	.43/11	.14/3.5	.26/6.5	.55/14	.18/4.5	.31/8	.55/14	.24/6	.41/10.5	.75/19
.039	.14/3.5	.24/6	.43/11	.14/3.5	.28/7	.55/14	.18/4.5	.35/9	.55/14	.24/6	.43/11	.75/19
.047	.14/3.5	.26/6.5	.43/11	.16/4	.31/8	.55/14	.20/5	.37/9.5	.55/14	.24/6	.47/12	.75/19
.056	.14/3.5	.24/6	.55/14	.18/4.5	.33/8.5	.55/14	.18/4.5	.33/8.5	.75/19	.26/6.5	.49/12.5	.75/19
.068	.14/3.5	.24/6	.55/14	.20/5	.37/9.5	.55/14	.20/5	.39/10	.75/19	.24/6	.47/12	1.04/26.5
.082	.14/3.5	.26/6.5	.55/14	.16/4	.30/7.5	.75/19	.22/5.5	.43/11	.75/19	.26/6.5	.49/12.5	1.04/26.5
.1	.14/3.5	.28/7	.55/14	.18/4.5	.31/8.5	.75/19	.24/6	.47/12	.75/19	.28/7	.51/13	1.04/26.5
.12	.14/3.5	.30/7.5	.55/14	.20/5	.35/9	.75/19	.26/6.5	.49/12.5	.75/19	.30/7.5	.53/13.5	1.04/26.5
.15	.18/4.5	.31/8	.55/14	.20/5	.39/10	.75/19	.24/6	.47/12	1.04/26.5	.28/7	.51/13	1.26/32
.18	.16/4	.30/7.5	.75/19	.22/5.5	.43/11	.75/19	.26/6.5	.49/12.5	1.04/26.5	.30/7.5	.53/13.5	1.26/32
.22	.18/4.5	.31/8	.75/19	.24/6	.47/12	.75/19	.28/7	.51/13	1.04/26.5	.31/8	.59/15	1.26/32
.27	.20/5	.35/9	.75/19	.22/5.5	.43/11	1.04/26.5	.30/7.5	.53/13.5	1.04/26.5	.35/9	.65/16.5	1.26/32
.33	.20/5	.39/10	.75/19	.24/6	.47/12	1.04/26.5	.31/8	.55/14	1.04/26.5	.37/9.5	.69/17.5	1.26/32
.39	.22/5.5	.43/11	.75/19	.26/6.5	.49/12.5	1.04/26.5	.31/8	.55/14	1.26/32	.39/10	.75/19	1.26/32
.47	.24/6	.47/12	.75/19	.28/7	.51/13	1.04/26.5	.33/8.5	.61/15.5	1.26/32	.43/11	.83/21	1.26/32
.56	.26/6.5	.49/12.5	.75/19	.30/7.5	.53/13.5	1.04/26.5	.35/9	.65/16.5	1.26/32	.39/10	.75/19	1.77/45
.68	.28/7	.51/13	.75/19	.31/8	.59/15	1.04/26.5	.37/9.5	.69/17.5	1.26/32	.43/11	.83/21	1.77/45
.82	.26/6.5	.49/12.5	1.04/26.5	.35/9	.65/16.5	1.04/26.5	.37/9.5	.75/19	1.26/32	.49/12.5	.87/22	1.77/45
1.0	.28/7	.51/13	1.04/26.5	.33/8.5	.59/15	1.26/32	.41/10.5	.79/20	1.26/32	.55/14	.98/25	1.77/45
1.2	.30/7.5	.53/13.5	1.04/26.5	.35/9	.65/16.5	1.26/32	.39/10	.75/19	1.77/45	.63/16	1.06/27	1.77/45
1.5	.33/8.5	.61/15.5	1.04/26.5	.37/9.5	.71/18	1.26/32	.45/11.5	.83/21	1.77/45	.71/18	1.18/30	1.77/45
1.8	.35/9	.67/17	1.04/26.5	.39/10	.75/19	1.26/32	.49/12.5	.87/22	1.77/45	.77/19.5	1.26/32	1.77/45
2.2	.33/8.5	.61/15.5	1.26/32	.45/11.5	.85/21.5	1.26/32	.53/13.5	.94/24	1.77/45	.71/18	1.18/30	2.30/58
2.7	.35/9	.67/17	1.26/32	.41/10.5	.79/20	1.77/45	.59/15	1.02/26	1.77/45	.79/20	1.30/33	2.30/58
3.3	.37/9.5	.75/19	1.26/32	.47/12	.87/22	1.77/45	.67/17	1.10/28	1.77/45	.87/22	1.42/36	2.30/58
3.9	.41/10.5	.79/20	1.26/32	.51/13	.94/24	1.77/45	.75/19	1.26/32	1.77/45	1.0/25	1.57/40	2.30/58
4.7	.47/12	.87/22	1.26/32	.57/14.5	1.02/26	1.77/45	.73/18.5	1.18/30	2.30/58	1.06/27	1.73/44	2.30/58

How to Order - MP85O1003K1000 (.1µf / 10% / 250VDC)

Example: MP85O 1003 K 250

Series *Capacitance Tolerance Voltage

Tolerances:

F = 1%, G = 2%, H = 2.5%, J = 5%, K = 10%, M = 20%

*For capacitance values, list three significant digits with fourth digit indicating number of zeros to follow.

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