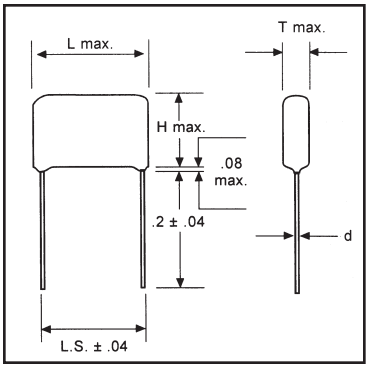
MP90D

Radial Leaded Epoxy Dipped



STK ELECTRONICS
Film Capacitors

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

Lead Spacing: * Lead forming available

L =	.71/18	1.02/26	1.27/31
L.S	.59/15	.89/22.5	1.08/27.5
d =	.032/.8	.032/.8	.032/.8

Dimensions (Inches/mm):

µF	250VDC			440VDC			630VDC		
	T	H	L	T	H	L	T	H	L
0.033							.26/6.5	.43/11.0	.73/18.5
0.039							.28/7.0	.47/12.0	.73/18.5
0.047							.28/7.0	.49/12.5	.73/18.5
0.056							.30/7.5	.51/13.0	.73/18.5
0.068							.30/7.5	.53/13.5	.73/18.5
0.082				.26/6.5	.43/11.0	.73/18.5	.31/8.0	.55/14.0	.73/18.5
0.100				.28/7.0	.45/11.5	.73/18.5	.33/8.5	.60/15.0	.73/18.5
0.120				.30/7.5	.49/12.5	.73/18.5	.37/9.5	.63/16.0	.73/18.5
0.150				.31/8.0	.51/13.0	.73/18.5	.39/10.0	.67/17.0	.73/18.5
0.180				.33/8.5	.55/14.0	.73/18.5	.41/10.5	.73/18.5	.73/18.5
0.180	.28/7.0	.43/11.0	.73/18.5				.35/9.0	.63/16.0	1.02/26.0
0.220				.35/9.0	.61/15.5	.73/18.5	.43/11.0	.77/19.5	.73/18.5
0.220	.30/7.5	.47/12.0	.73/18.5				.37/9.5	.65/16.5	1.02/26.0
0.270	.31/8.0	.51/13.0	.73/18.5	.37/9.5	.63/16.0	.73/18.5	.39/10.0	.67/17.0	1.02/26.0
0.330	.31/8.0	.55/14.0	.73/18.5	.39/10.0	.67/17.0	.73/18.5	.39/10.0	.73/18.5	1.02/26.0
0.330				.31/8.0	.59/15.0	1.02/26.0			
0.390	.33/8.5	.59/15.0	.73/18.5	.41/10.5	.71/18.0	.73/18.5	.41/10.5	.75/19.0	1.02/26.0
0.390				.33/8.5	.63/16.0	1.02/26.0			
0.470	.35/9.0	.63/16.0	.73/18.5	.43/11.0	.75/19.0	.73/18.5	.45/11.5	.79/20.0	1.02/26.0
0.470				.35/9.0	.67/17.0	1.02/26.0	.43/11.0	.75/19.0	1.22/31.0
0.560	.37/9.5	.67/17.0	.73/18.5	.37/9.5	.71/18.0	1.02/26.0	.45/11.5	.81/20.5	1.22/31.0
0.680	.39/10.0	.71/18.0	.73/18.5	.41/10.5	.75/19.0	1.02/26.0	.49/12.5	.85/21.5	1.22/31.0
0.820	.41/10.5	.75/19.0	.73/18.5	.43/11.0	.79/20.0	1.02/26.0	.51/13.0	.91/23.0	1.22/31.0
0.820	.35/9.0	.63/16.0	1.02/26.0						
1.000	.43/11.0	.77/19.5	.73/18.5	.47/12.0	.87/22.0	1.02/26.0	.57/14.0	.94/24.0	1.22/31.0
1.000	.37/9.5	.65/16.5	1.02/26.0						
1.200	.39/10.0	.71/18.0	1.02/26.0	.51/13.0	.90/22.5	1.02/26.0	.61/15.5	1.02/26.0	1.22/31.0
1.200				.45/11.5	.83/21.0	1.22/31.0			
1.500	.43/11.0	.75/19.0	1.02/26.0	.57/14.5	.94/24.0	1.02/26.0	.63/16.0	1.14/29.0	1.22/31.0
1.500				.49/12.5	.89/22.6	1.22/31.0			
1.800	.47/12.0	.79/20.0	1.02/26.0	.57/14.0	.93/23.5	1.22/31.0	.71/18.0	1.20/30.5	1.22/31.0
2.200	.43/11.0	.75/19.0	1.22/31.0	.60/15.0	.98/25.0	1.22/31.0	.79/20.0	1.30/33.0	1.22/31.0
2.700	.47/12.0	.79/20.0	1.22/31.0	.67/17.0	1.04/26.5	1.22/31.0			
3.300	.51/13.0	.87/22.0	1.22/31.0	.69/17.5	1.18/30.0	1.22/31.0			
3.900	.55/14.0	.91/23.0	1.22/31.0	.75/19.0	1.26/32.0	1.22/31.0			
4.700	.61/15.5	.98/25.0	1.22/31.0						
5.600	.63/16.0	1.10/28.0	1.22/31.0	**ALTERNATE CASE SIZES AVAILABLE FOR MOST CAPACITANCE VALUES AND VOLTAGES**					
6.000	.67/17.0	1.14/29.0	1.22/31.0						
6.800	.71/18.0	1.26/31.0	1.22/31.0						

How to Order - MP90D1003K250 (.1µF / 10% / 250VDC)

Example: MP90D (Series) 1003 (*Capacitance) K (Tolerance) 250 (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.

2747 Route 20 East, Cazenovia, NY 13035 phone 315-655-2530 ■ fax 315-655-3862 ■ www.stkelectronics.com