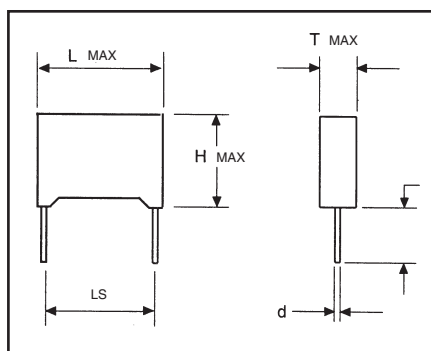


# KP80R

Radial Leaded Box

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

## Dimensions (Inches/mm):



**STK**  
**ELECTRONICS**  
Film Capacitors

## Lead Spacing:

|     |         |        |        |           |          |
|-----|---------|--------|--------|-----------|----------|
| L = | .39/10  | .52/13 | .71/18 | 1.04/26.5 | 1.26/32  |
| L.S | .28/7.5 | .39/10 | .6/15  | .89/22.5  | 1.1/27.5 |
| d = | .024/6  | .024/6 | .032/8 | .032/8    | .032/8   |

| μF     | 100VDC  |          |           | 160VDC  |          |           | 250VDC  |          |           | 400VDC  |          |           | 630VDC  |          |           | 1000VDC |          |           |
|--------|---------|----------|-----------|---------|----------|-----------|---------|----------|-----------|---------|----------|-----------|---------|----------|-----------|---------|----------|-----------|
|        | T       | H        | L         | T       | H        | L         | T       | H        | L         | T       | H        | L         | T       | H        | L         | T       | H        | L         |
| .0001  | .16/4   | .35/9    | .39/10    | .16/4   | .35/9    | .39/10    | .16/4   | .35/9    | .39/10    | .16/4   | .35/9    | .39/10    |         |          |           |         |          |           |
| .00012 | .16/4   | .35/9    | .39/10    | .16/4   | .35/9    | .39/10    | .16/4   | .35/9    | .39/10    | .16/4   | .35/9    | .39/10    |         |          |           |         |          |           |
| .00015 | .16/4   | .35/9    | .39/10    | .16/4   | .35/9    | .39/10    | .16/4   | .35/9    | .39/10    | .16/4   | .35/9    | .39/10    |         |          |           |         |          |           |
| .00018 | .16/4   | .35/9    | .39/10    | .16/4   | .35/9    | .39/10    | .16/4   | .35/9    | .39/10    | .16/4   | .35/9    | .39/10    |         |          |           |         |          |           |
| .00022 | .16/4   | .35/9    | .39/10    | .16/4   | .35/9    | .39/10    | .16/4   | .35/9    | .39/10    | .16/4   | .35/9    | .39/10    |         |          |           |         |          |           |
| .00027 | .16/4   | .35/9    | .39/10    | .16/4   | .35/9    | .39/10    | .16/4   | .35/9    | .39/10    | .16/4   | .35/9    | .39/10    |         |          |           |         |          |           |
| .00033 | .16/4   | .35/9    | .39/10    | .16/4   | .35/9    | .39/10    | .16/4   | .35/9    | .39/10    | .16/4   | .35/9    | .39/10    |         |          |           |         |          |           |
| .00039 | .16/4   | .35/9    | .39/10    | .16/4   | .35/9    | .39/10    | .16/4   | .35/9    | .39/10    | .16/4   | .35/9    | .39/10    |         |          |           |         |          |           |
| .00047 | .16/4   | .35/9    | .39/10    | .16/4   | .35/9    | .39/10    | .16/4   | .35/9    | .39/10    | .16/4   | .35/9    | .39/10    |         |          |           |         |          |           |
| .00056 | .16/4   | .35/9    | .39/10    | .16/4   | .35/9    | .39/10    | .16/4   | .35/9    | .39/10    | .16/4   | .35/9    | .39/10    |         |          |           |         |          |           |
| .00068 | .16/4   | .35/9    | .39/10    | .16/4   | .35/9    | .39/10    | .16/4   | .35/9    | .39/10    | .16/4   | .35/9    | .39/10    |         |          |           |         |          |           |
| .00082 | .16/4   | .35/9    | .39/10    | .16/4   | .35/9    | .39/10    | .16/4   | .35/9    | .39/10    | .16/4   | .35/9    | .39/10    |         |          |           |         |          |           |
| .001   | .16/4   | .35/9    | .39/10    | .16/4   | .35/9    | .39/10    | .16/4   | .35/9    | .39/10    | .16/4   | .35/9    | .39/10    | .16/4   | .35/9    | .39/10    | .16/4   | .35/9    | .52/13    |
| .0012  | .16/4   | .35/9    | .39/10    | .16/4   | .35/9    | .39/10    | .16/4   | .35/9    | .39/10    | .16/4   | .35/9    | .39/10    | .16/4   | .35/9    | .39/10    | .16/4   | .35/9    | .52/13    |
| .0015  | .16/4   | .35/9    | .39/10    | .16/4   | .35/9    | .39/10    | .16/4   | .35/9    | .39/10    | .16/4   | .35/9    | .39/10    | .16/4   | .35/9    | .39/10    | .20/5   | .39/10   | .52/13    |
| .0018  | .16/4   | .35/9    | .39/10    | .16/4   | .35/9    | .39/10    | .16/4   | .35/9    | .39/10    | .16/4   | .35/9    | .39/10    | .16/4   | .35/9    | .52/13    | .20/5   | .39/10   | .52/13    |
| .0022  | .16/4   | .35/9    | .39/10    | .16/4   | .35/9    | .39/10    | .16/4   | .35/9    | .39/10    | .16/4   | .35/9    | .39/10    | .16/4   | .35/9    | .52/13    | .24/6   | .47/12   | .52/13    |
| .0027  | .16/4   | .35/9    | .39/10    | .16/4   | .35/9    | .39/10    | .16/4   | .35/9    | .39/10    | .16/4   | .35/9    | .39/10    | .20/5   | .39/10   | .52/13    | .20/5   | .43/11   | .71/18    |
| .0033  | .16/4   | .35/9    | .39/10    | .16/4   | .35/9    | .39/10    | .16/4   | .35/9    | .39/10    | .16/4   | .35/9    | .39/10    | .20/5   | .39/10   | .52/13    | .20/5   | .43/11   | .71/18    |
| .0039  | .16/4   | .35/9    | .39/10    | .16/4   | .35/9    | .39/10    | .16/4   | .35/9    | .39/10    | .16/4   | .35/9    | .52/13    | .24/6   | .47/12   | .52/13    | .20/5   | .43/11   | .71/18    |
| .0047  | .16/4   | .35/9    | .39/10    | .16/4   | .35/9    | .39/10    | .16/4   | .35/9    | .39/10    | .16/4   | .35/9    | .52/13    | .24/6   | .47/12   | .52/13    | .24/6   | .47/12   | .71/18    |
| .0056  | .16/4   | .35/9    | .39/10    | .16/4   | .35/9    | .39/10    | .16/4   | .35/9    | .39/10    | .20/5   | .39/10   | .52/13    | .20/5   | .43/11   | .71/18    | .24/6   | .47/12   | .71/18    |
| .0068  | .16/4   | .35/9    | .39/10    | .16/4   | .35/9    | .39/10    | .16/4   | .35/9    | .39/10    | .20/5   | .39/10   | .52/13    | .20/5   | .43/11   | .71/18    | .24/6   | .47/12   | .71/18    |
| .0082  | .16/4   | .35/9    | .39/10    | .16/4   | .35/9    | .39/10    | .16/4   | .35/9    | .52/13    | .24/6   | .47/12   | .52/13    | .20/5   | .43/11   | .71/18    | .30/7.5 | .53/13.5 | .71/18    |
| .01    | .16/4   | .35/9    | .39/10    | .16/4   | .35/9    | .39/10    | .20/5   | .39/10   | .52/13    | .24/6   | .47/12   | .52/13    | .24/6   | .47/12   | .71/18    | .33/8.5 | .59/15   | .71/18    |
| .012   | .16/4   | .35/9    | .39/10    | .16/4   | .35/9    | .52/13    | .20/5   | .39/10   | .52/13    | .20/5   | .43/11   | .71/18    | .24/6   | .47/12   | .71/18    | .28/7   | .65/16.5 | 1.04/26.5 |
| .015   | .16/4   | .35/9    | .39/10    | .16/4   | .35/9    | .52/13    | .24/6   | .47/12   | .52/13    | .20/5   | .43/11   | .71/18    | .24/6   | .47/12   | .71/18    | .28/7   | .65/16.5 | 1.04/26.5 |
| .018   | .16/4   | .35/9    | .53/13    | .20/5   | .39/10   | .52/13    | .24/6   | .47/12   | .52/13    | .24/6   | .47/12   | .71/18    | .30/7.5 | .53/13.5 | .71/18    | .33/8.5 | .67/17   | 1.04/26.5 |
| .022   | .16/4   | .35/9    | .53/13    | .20/5   | .39/10   | .52/13    | .24/6   | .47/12   | .52/13    | .24/6   | .47/12   | .71/18    | .30/7.5 | .53/13.5 | .71/18    | .33/8.5 | .67/17   | 1.04/26.5 |
| .027   | .20/5   | .39/10   | .52/13    | .24/6   | .47/12   | .52/13    | .20/5   | .43/11   | .71/18    | .30/7.5 | .53/13.5 | .71/18    | .28/7   | .65/16.5 | 1.04/26.5 | .39/10  | .75/19   | 1.04/26.5 |
| .033   | .20/5   | .39/10   | .52/13    | .24/6   | .47/12   | .52/13    | .20/5   | .43/11   | .71/18    | .30/7.5 | .53/13.5 | .71/18    | .28/7   | .65/16.5 | 1.04/26.5 | .43/11  | .79/20   | 1.26/32   |
| .039   | .24/6   | .47/12   | .71/18    | .20/5   | .43/11   | .71/18    | .24/6   | .47/12   | .71/18    | .28/7   | .65/16.5 | 1.04/26.5 | .33/8.5 | .67/17   | 1.04/26.5 | .43/11  | .79/20   | 1.26/32   |
| .047   | .24/6   | .47/12   | .71/18    | .20/5   | .43/11   | .71/18    | .24/6   | .47/12   | .71/18    | .28/7   | .65/16.5 | 1.04/26.5 | .33/8.5 | .67/17   | 1.04/26.5 | .51/13  | .87/22   | 1.26/32   |
| .056   | .20/5   | .43/11   | .71/18    | .24/6   | .47/12   | .71/18    | .30/7.5 | .53/13.5 | .71/18    | .33/8.5 | .67/17   | 1.04/26.5 | .39/10  | .75/19   | 1.04/26.5 | .51/13  | .87/22   | 1.26/32   |
| .068   | .20/5   | .43/11   | .71/18    | .24/6   | .47/12   | .71/18    | .30/7.5 | .53/13.5 | .71/18    | .33/8.5 | .67/17   | 1.04/26.5 | .43/11  | .79/20   | 1.26/32   | .59/15  | .98/25   | 1.26/32   |
| .082   | .24/6   | .47/12   | .71/18    | .30/7.5 | .53/13.5 | .71/18    | .33/8.5 | .59/15   | .71/18    | .39/10  | .75/19   | 1.04/26.5 | .43/11  | .79/20   | 1.26/32   | .59/15  | .98/25   | 1.26/32   |
| .1     | .24/6   | .47/12   | .71/18    | .33/8.5 | .59/15   | .71/18    | .28/7   | .65/16.5 | 1.04/26.5 | .43/11  | .79/20   | 1.26/32   | .51/13  | .87/22   | 1.26/32   | .71/18  | 1.18/30  | 1.26/32   |
| .12    | .30/7.5 | .53/13.5 | .71/18    | .33/8.5 | .59/15   | .71/18    | .33/8.5 | .67/17   | 1.04/26.5 | .43/11  | .79/20   | 1.26/32   | .51/13  | .87/22   | 1.26/32   |         |          |           |
| .15    | .30/7.5 | .53/13.5 | .71/18    | .28/7   | .65/16.5 | 1.04/26.5 | .33/8.5 | .67/17   | 1.04/26.5 | .51/13  | .87/22   | 1.26/32   | .59/15  | .98/25   | 1.26/32   |         |          |           |
| .18    | .30/7.5 | .53/13.5 | .71/18    | .33/8.5 | .67/17   | 1.04/26.5 | .39/10  | .75/19   | 1.04/26.5 | .51/13  | .87/22   | 1.26/32   | .71/18  | 1.18/30  | 1.26/32   |         |          |           |
| .22    | .28/7   | .65/16.5 | 1.04/26.5 | .33/8.5 | .67/17   | 1.04/26.5 | .43/11  | .79/20   | 1.26/32   | .59/15  | .98/25   | 1.26/32   | .71/18  | 1.18/30  | 1.26/32   |         |          |           |
| .27    | .33/8.5 | .67/17   | 1.04/26.5 | .39/10  | .75/19   | 1.04/26.5 | .43/11  | .79/20   | 1.26/32   |         |          |           |         |          |           |         |          |           |
| .33    | .33/8.5 | .67/17   | 1.04/26.5 | .43/11  | .79/20   | 1.26/32   | .51/13  | .87/22   | 1.26/32   |         |          |           |         |          |           |         |          |           |
| .39    | .39/10  | .75/19   | 1.04/26.5 | .43/11  | .79/20   | 1.26/32   | .51/13  | .87/22   | 1.26/32   |         |          |           |         |          |           |         |          |           |
| .47    | .39/10  | .75/19   | 1.04/26.5 | .51/13  | .87/22   | 1.26/32   | .59/15  | .98/25   | 1.26/32   |         |          |           |         |          |           |         |          |           |
| .56    | .43/11  | .79/20   | 1.26/32   | .51/13  | .87/22   | 1.26/32   |         |          |           |         |          |           |         |          |           |         |          |           |
| .68    | .43/11  | .79/20   | 1.26/32   | .59/15  | .98/25   | 1.26/32   |         |          |           |         |          |           |         |          |           |         |          |           |
| .82    | .51/13  | .87/22   | 1.26/32   | .71/18  | 1.18/30  | 1.26/32   |         |          |           |         |          |           |         |          |           |         |          |           |
| 1.0    | .59/15  | .98/25   | 1.26/32   | .71/18  | 1.18/30  | 1.26/32   |         |          |           |         |          |           |         |          |           |         |          |           |

ALTERNATE CASE SIZES AVAILABLE FOR MOST CAPACITANCE VALUES AND VOLTAGES

## How to Order - KP80R1002K250 (.01μf / 1% / 250VDC)

Example: KP80R

1002

F

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.

**STK**  
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