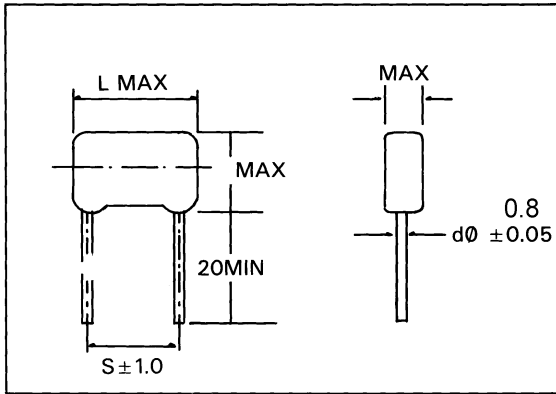


METALLIZED POLYESTER/POLYPROPYLENE COMBINATION FILM-LOW VOLTAGE

TYPE 5114

NON-INDUCTIVE, EPOXY DIP COATED, HIGH TEMPERATURE



GENERAL SPECIFICATION

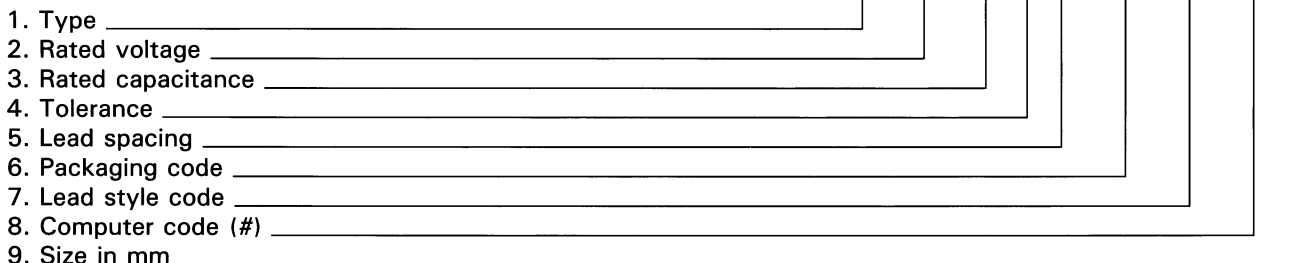
1. **OPERATING TEMPERATURE RANGE:**
-40°C ~ +105°C
2. **WORKING VOLTAGE RANGE:**
250, 400, 630 VDC
3. **DIELECTRIC STRENGTH:**
150% of W.V. for 1 minute
4. **CAPACITANCE VALUE:**
.01 ~ 3.3 mfd.
5. **CAPACITANCE TOLERANCE:**
J ± 5%, K ± 10%, M ± 20%
6. **DISSIPATION FACTOR:**
0.5% max. at 1KHz, 20°C
7. **INSULATION RESISTANCE:**
C < .33 mfd, R > 15,000M ω
C > .33 mfd, R > 5,000M ω mfd.

Part Number Example: See Page F.2

CAP. (μ F)	250 VDC		400 VDC		630 VDC				
	L x H x T	S	L x H x T	S	L x H x T			S	
.01	12.5 x 8.5 x 4.5	10.0	12.5 x 9.0 x 5.0	10.0	12.5 x 9.5 x 5.5			10.0	
.012	12.5 x 8.5 x 4.5	10.0	12.5 x 9.0 x 5.0	10.0	12.5 x 9.5 x 5.5			10.0	
.015	12.5 x 8.5 x 4.5	10.0	12.5 x 9.0 x 5.0	10.0	12.5 x 10.0 x 6.0			10.0	
.018	12.5 x 8.5 x 4.5	10.0	12.5 x 9.5 x 5.5	10.0	12.5 x 11.0 x 6.5			10.0	
.022	12.5 x 9.0 x 5.0	10.0	12.5 x 9.5 x 5.5	10.0	12.5 x 12.0 x 7.0			10.0	
.027	12.5 x 9.0 x 5.0	10.0	12.5 x 10.0 x 6.0	10.0	18.0 x 10.0 x 5.5			15.0	
.033	12.5 x 9.0 x 5.0	10.0	12.5 x 10.0 x 6.0	10.0	18.0 x 11.0 x 6.0			15.0	
.039	12.5 x 9.0 x 5.0	10.0	12.5 x 11.0 x 6.5	10.0	18.0 x 12.0 x 6.5			15.0	
.047	12.5 x 9.0 x 5.0	10.0	12.5 x 12.0 x 7.0	10.0	18.0 x 13.0 x 7.0			15.0	
.056	12.5 x 9.0 x 5.0	10.0	18.0 x 9.5 x 5.5	15.0	18.0 x 14.0 x 7.5			15.0	
.068	12.5 x 9.0 x 5.0	10.0	18.0 x 11.0 x 6.0	15.0	18.0 x 14.5 x 8.0			15.0	
.082	12.5 x 9.5 x 5.5	10.0	18.0 x 12.0 x 6.5	15.0	18.0 x 15.0 x 8.5			15.0	
.1	12.5 x 10.0 x 6.0	10.0	18.0 x 13.0 x 7.0	15.0	26.0 x 14.0 x 7.5			22.5	
.12	12.5 x 10.0 x 6.0	10.0	18.0 x 14.0 x 7.5	15.0	26.0 x 15.0 x 8.0			22.5	
.15	12.5 x 11.0 x 6.0	10.0	18.0 x 14.5 x 8.0	15.0	26.0 x 16.0 x 9.0			22.5	
.18	18.0 x 11.0 x 6.0	15.0	18.0 x 15.0 x 8.5	15.0	26.0 x 17.0 x 10.0			22.5	
.22	18.0 x 12.0 x 6.5	15.0	26.0 x 14.0 x 7.5	22.5	26.0 x 18.0 x 11.0			22.5	
.27	18.0 x 13.0 x 7.0	15.0	26.0 x 15.0 x 8.0	22.5	30.5 x 18.0 x 9.5			27.5	
.33	18.0 x 14.0 x 7.5	15.0	26.0 x 16.0 x 9.0	22.5	30.5 x 19.0 x 10.0			27.5	
.39	18.0 x 14.5 x 8.5	15.0	26.0 x 17.0 x 10.0	22.5	30.5 x 20.0 x 11.0			27.5	
.47	18.0 x 15.0 x 8.5	15.0	26.0 x 18.0 x 11.0	22.5	30.5 x 21.0 x 12.0			27.5	
.56	26.0 x 14.0 x 7.5	22.5	26.0 x 19.0 x 12.0	22.5	30.5 x 22.5 x 13.5			27.5	
.68	26.0 x 15.0 x 8.0	22.5	30.5 x 19.0 x 10.0	27.5	30.5 x 24.0 x 15.0			27.5	
.82	26.0 x 16.0 x 9.0	22.5	30.5 x 20.0 x 11.0	27.5					
1.0	26.0 x 17.0 x 10.0	22.5	30.5 x 21.0 x 12.0	27.5					
1.2	26.0 x 18.0 x 11.0	22.5	30.5 x 23.0 x 14.0	27.5					
1.5	30.5 x 19.0 x 10.0	27.5	30.5 x 25.0 x 16.0	27.5					
1.8	30.5 x 20.0 x 11.0	27.5							
2.2	30.5 x 21.0 x 12.0	27.5							
2.7	30.5 x 22.0 x 13.0	27.5			S	10.0	15.0	22.5	27.5
3.3	30.5 x 23.0 x 14.0	27.5			dØ	0.6	0.8	0.8	0.8

PART NUMBERING SYSTEM

Ex. 914-250/104 K 10



* If applicable

More ex.
 IF FORMED TO 5mm L/S 914-250/104K10B1/5
 IF CUT & FORMED TO 5mm L/S 914-250/104K10B5/5
 IF CUT & FORMED TO 5mm L/S & 3mm L/L .. 914-250/104K10B1/5#1
 (#1=one deviation from std ex.: L/L)

DESCRIPTION

- Describes the construction and the dielectric type.
- Rated voltage, (three digits) Ex. 050=050v, 250=250v, 1K0=1000v. 1K5=1500v
- Rated capacitance, (three digits). Ex. 102 = 1000pf = .001 μ f
 The first two digits represent significant figures and the last digit is number of zeros to follow, Ex. 472 = 4700pf = .0047 μ f
 103 = 10000pf = .01 μ f
 104 = 100000 = .1 μ f
- Tolerance (one digit).

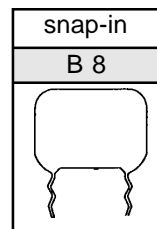
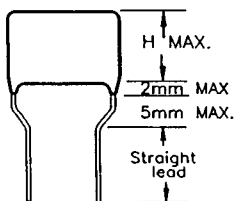
C	D	F	G	H	I	J	K	M	N	P	V	Z
± 0.25 pf	± 0.5 pf	$\pm 1.0\%$	$\pm 2.0\%$	$\pm 2.5\%$	$\pm 3.0\%$	$\pm 5.0\%$	$\pm 10\%$	$\pm 20\%$	$\pm 30\%$	$+\infty$ -0	+20 -10	+80 -20

- Lead Spacing (in mm) showing significant digits without decimals.
- Packaging code: (TR = Tape and Reel.) (TA = Tape and Ammo.) (- = Bulk.)
- Lead Style code. Note: previous character must be a letter, hence, for bulk packaging use the letter B.
- Computer code.
- Size shown in mm.

Long leads				Cut leads			
straight long leads/non-forming	inside forming without cut	outside forming without cut	kink with out cut	non-forming with cut	inside forming with cut	outside forming with cut	kink with cut
0	1	2	3	4	5	6	7

Straight lead length portion = 25mm MIN.

Straight lead length portion = 5mm \pm 1



Due to the continued improvement of capacitor manufacturing technology other sizes and values, not described in this catalog, may now be available, please contact Factory or Area Representative for latest data.