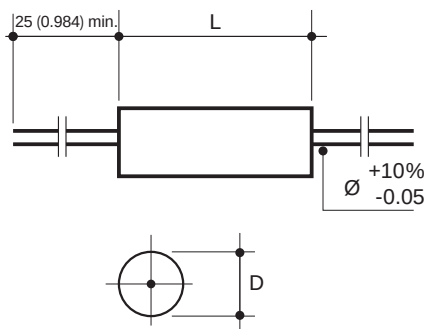


Metallized Polypropylene

SC-Precision Film Dielectric Capacitors



HOW TO ORDER

SC18 6 I 0104 J --

① ② ③ ④ ⑤ ⑥

- ① **Type and Size**
- ② **Dielectric Class:** Polypropylene
- ③ **Voltage:** F = 160, I = 400,
G = 250, K = 630
- ④ **Capacitance Value:** 0.1μF
- ⑤ **Tolerance:** ±1%, ±2%, ±5%
- ⑥ **Suffix**

Nominal Voltage (V_R) and Capacitance Values (C_R) Depending on the Dimensions

Size Code	DIMENSIONS: millimeters (inches)			Range of Capacitances (C_R min. ... max.)			
				$V_R \sim / V_{R\sim}$			
				F	G	I	K
				160/100	250/160	400/200	630/250
10	12.0 (0.472)	5.0 (0.197)	0.6 (0.024)	8.25nF ~ 21.5nF	4.30nF ~ 8.25nF	2.40nF ~ 4.22nF	1nF ~ 2.37nF
13	14.5 (0.571)	5.0 (0.197)	0.6 (0.024)	22nF ~ 42.2nF	8.45nF ~ 17.8nF	4.3nF ~ 9.1nF	2.40nF ~ 5.11nF
	14.5 (0.571)	6.25 (0.246)	0.6 (0.024)	43nF ~ 75nF	18nF ~ 31.6nF	9.31nF ~ 17.8nF	5.23nF ~ 10nF
	14.5 (0.571)	7.5 (0.295)	0.6 (0.024)	76.8nF ~ 133nF	32.4nF ~ 62nF	18nF ~ 31.6nF	10.2nF ~ 19.6nF
18	19.0 (0.748)	7.5 (0.295)	0.8 (0.031)	137nF ~ 215nF	63.4nF ~ 91nF	32.4nF ~ 51.1nF	20nF ~ 31.6nF
	19.0 (0.748)	8.75 (0.344)	0.8 (0.031)	220nF ~ 316nF	93.1nF ~ 147nF	52.3nF ~ 75nF	32.4nF ~ 47nF
	19.0 (0.748)	10.0 (0.394)	0.8 (0.031)	324nF ~ 470nF	150nF ~ 215nF	76.8nF ~ 110nF	47.5nF ~ 75nF
25	27.5 (1.083)	8.75 (0.344)	0.8 (0.031)	475nF ~ 634nF	220nF ~ 274nF	113nF ~ 150nF	76.8nF ~ 100nF
	27.5 (1.083)	10.0 (0.394)	0.8 (0.031)	649nF ~ 910nF	280nF ~ 402nF	154nF ~ 221nF	102nF ~ 147nF
	27.5 (1.083)	11.25 (0.443)	0.8 (0.031)	931nF ~ 1.21μF	412nF ~ 536nF	226nF ~ 294nF	150nF ~ 196nF
	27.5 (1.083)	12.5 (0.492)	0.8 (0.031)	1.24μF ~ 1.54μF	549nF ~ 698nF	300nF ~ 383nF	200nF ~ 249nF
31	32.5 (1.280)	12.5 (0.492)	0.8 (0.031)	1.58μF ~ 1.96μF	715nF ~ 866nF	390nF ~ 487nF	255nF ~ 316nF
	32.5 (1.280)	15.0 (0.591)	0.8 (0.031)	2μF ~ 3.01μF	887nF ~ 1.33μF	499nF ~ 750nF	324nF ~ 487nF
	32.5 (1.280)	17.5 (0.689)	0.8 (0.031)	3.09μF ~ 4.22μF	1.37μF ~ 1.78μF	768nF ~ 1.07μF	499nF ~ 681nF
	32.5 (1.280)	20.0 (0.787)	0.8 (0.031)	4.30μF ~ 5.62μF	1.8μF ~ 2.55μF	1.1μF ~ 1.43μF	698nF ~ 931nF

Additional information on this product is available from AVX's catalog or AVX's FAX Service.
Call 1-800-879-1613 and request document #092. Visit our website <http://www.avxcorp.com>

