

Capacitor Networks, Single-In-Line, Coated SIP, "D" Profile



FEATURES

- X7R and COG capacitors available
- Multiple isolated capacitors
- Multiple capacitors, common ground
- Custom design capability
- "D" 0.300" [7.62mm] package height (maximum)

STANDARD ELECTRICAL SPECIFICATIONS

MODEL	PROFILE	SCHEMATIC	CAPACITANCE RANGE		CAPACITANCE TOLERANCE (-55°C to +125°C) %	CAPACITOR VOLTAGE @ 85°C VDC
			COG*	X7R		
CS201	D	1	33pF-3900pF	470pF-0.1μF	± 10 (K), ± 20 (M)	50 (5)
CS201	D	3	33pF-3900pF	470pF-0.1μF	± 10 (K), ± 20 (M)	50 (5)
CS201	D	4	33pF-3900pF	470pF-0.1μF	± 10 (K), ± 20 (M)	50 (5)

*COG capacitors may be substituted for X7R capacitors

TECHNICAL SPECIFICATIONS

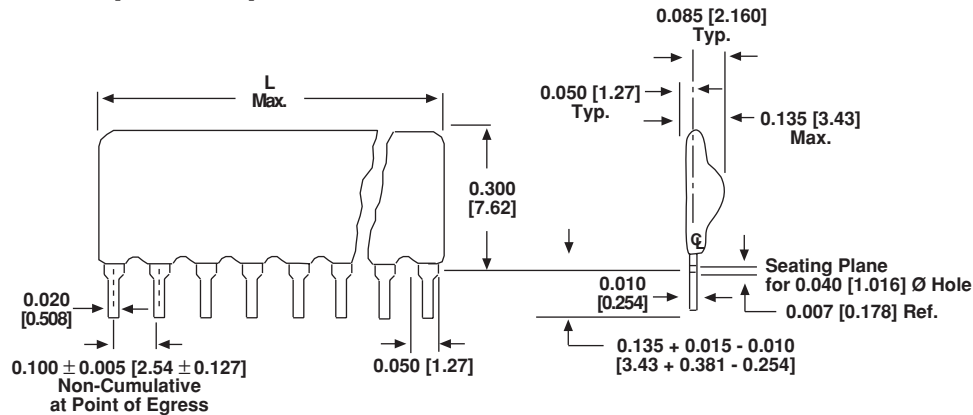
PARAMETER	UNIT	CS201	
		COG	X7R
Temperature Coefficient (- 55°C to +125°C)	ppm/°C or %	± 30 ppm/°C	± 15%
Dissipation Factor (maximum)	± %	0.15	2.5

MECHANICAL SPECIFICATIONS

Marking Resistance to Solvents:	Permanency testing per MIL-STD-202, Method 215.
Solderability:	Per MIL-STD-202, Method 208E.
Body:	High alumina, epoxy coated. (Flammability UL94 V-0.)
Terminals:	Phosphorus-bronze, tin plated.
Marking:	Pin #1 identifier, DALE or D, Part number (abbreviated as space allows), Date code.

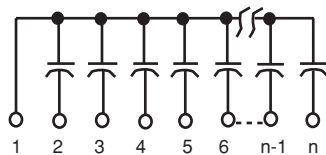
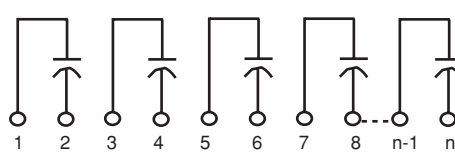
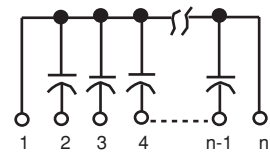
ORDERING INFORMATION

CS201 MODEL	08 NUMBER OF PINS	D PACKAGE CODE	1 SCHEMATIC	C CAPACITOR CHARACTERISTIC	103 CAPACITANCE CODE (Picofarads)	K TOLERANCE	5 VOLTAGE RATING CODE
	4 to 18 pins are available for package "D".	D = 0.300" [7.62mm]	1 3 4	C = COG X = X7R	First 2 digits are significant figures. Last digit specifies number of zeros to follow.	K = ± 10% M = ± 20%	5 = 50 V

DIMENSIONS in inches [millimeters]


Pin #1 is extreme left-hand terminal on side with marking.

NUMBER OF PINS	L MAXIMUM	NUMBER OF PINS	L MAXIMUM	NUMBER OF PINS	L MAXIMUM
4 pin	0.400 [10.16]	9 pin	0.900 [22.86]	14 pin	1.400 [35.56]
5 pin	0.500 [12.70]	10 pin	1.000 [25.40]	15 pin	1.500 [38.10]
6 pin	0.600 [15.24]	11 pin	1.100 [27.94]	16 pin	1.600 [40.64]
7 pin	0.700 [17.78]	12 pin	1.200 [30.48]	17 pin	1.700 [43.18]
8 pin	0.800 [20.32]	13 pin	1.300 [33.02]	18 pin	1.800 [45.72]

SCHEMATICS
Schematic 1

Common Bus - 1 Ground Lead
Schematic 3

Isolated Capacitor Sections
Schematic 4

Common Bus - 2 Ground Leads