



Thick Film Capacitor Networks, Single-In-Line, Conformal Coated SIP



FEATURES

- · Isolated and bussed schematics available
- X7R and C0G capacitors available
- Multiple isolated capacitors
- Multiple capacitors, common ground
- Custom design capability
- "D" 0.300" (7.62 mm) package height (maximum)
- Material categorization: for definitions of compliance please see www.vishay.com/doc?99912





RoHS*

HALOGEN FREE

Note

This datasheet provides information about parts that are RoHS-compliant and / or parts that are non RoHS-compliant. For example, parts with lead (Pb) terminations are not RoHS-compliant. Please see the information / tables in this datasheet for details

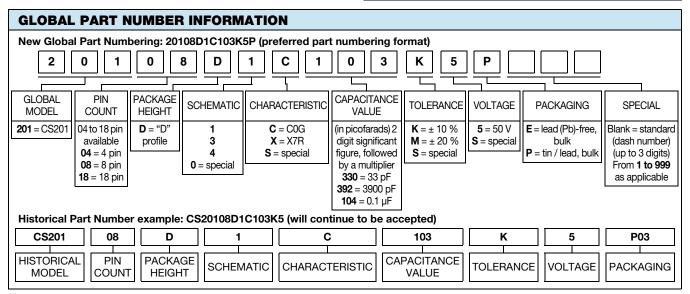
STANDARD ELECTRICAL SPECIFICATIONS								
VISHAY DALE MODEL	PROFILE	SCHEMATIC	CAPACITANCE RANGE		CAPACITANCE TOLERANCE	CAPACITANCE VOLTAGE		
			C0G (1)	X7R	(-55 °C to +125 °C) ± %	at 85 °C V _{DC}		
CS201	D	1	33 pF to 3900 pF	470 pF to 0.1 μF	10, 20	50		
CS201	D	3	33 pF to 3900 pF	470 pF to 0.1 μF	10, 20	50		
CS201	D	4	33 pF to 3900 pF	470 pF to 0.1 μF	10, 20	50		

Note

(1) C0G capacitors may be substituted for X7R capacitors

TECHNICAL SPECIFICATIONS							
PARAMETER	UNIT	CS201					
PANAIVIETEN	UNIT	COG	X7R				
Temperature coefficient (-55 °C to +125 °C)	ppm/°C or %	± 30 ppm/°C	± 15 %				
Dissipation factor (maximum)	± %	0.15	2.5				

MATERIAL 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 UL 94 V-0)					
Terminals	Phosphorus-bronze, solder plated					
Marking	Pin #1 identifier, Dale or D, part number (abbreviated as space allows), date code					



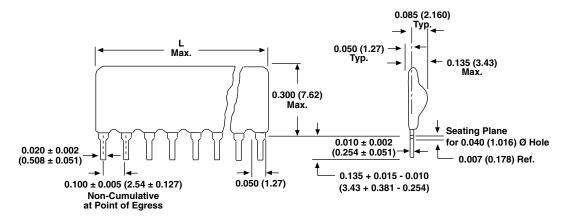
Note

Revision: 24-Jan-2019

For additional information on packaging, refer to the Through-hole Network Packaging document (www.vishay.com/doc?31542)

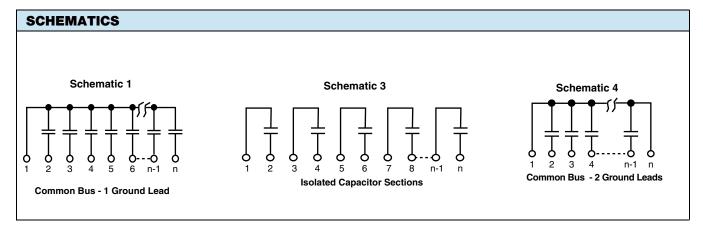


DIMENSIONS in inches (millimeters)



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)





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1KAB100E CCF5020K0FKR36 CCF5010K0FKE36 VSMF4720-GS08 001789X 593D106X9020C2TE3 LTO050FR0500JTE3

LVR10R0200FE03 CRCW12063K01FKEA CRCW12063K30FKEAHP 009923A CRHV1206AF80M0FKET CS6600552K000B8768

M39003/01-2784 CW0106K000JE73 672D826H075EK5C CWR06JC105KC CWR06NC475JC MAL202118471E3 MAL213660221E3

MAL213666102E3 MAL215058102E3 MAL219699001E3 PTF56100K00QYEK PTN0805H1502BBTR1K RCL12252K20JNEG

RCWL1210R130JNEA RE65G2211C02 RH005220R0FE02 RH005330R0FC02 RH010R0500FC02 132B20103 RH0507R000FC02

RH1007R000FJ01 RH2503R500FE01 RH254R220FS03 RH-50-40R2-1%-C02 134D336X9075C6 132B00301 DG9426EDQ-T1-GE3

138D685X0075C2 RN55C1242FB14 RN55D3010FB14 RN55D4022FRE6