Vishay Dale

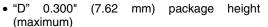


Thick Film Capacitor Networks, Single-In-Line, Conformal Coated SIP



FEATURES

- Isolated and bussed schematics available
- X7R and C0G capacitors available
- · Multiple isolated capacitors
- Multiple capacitors, common ground
- Custom design capability





• Compliant to RoHS directive 2002/95/EC

• Halogen-free according to IEC 61249-2-21 definition

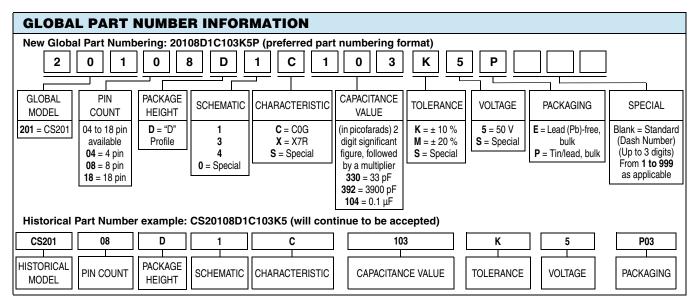
				•	•			
STANDARD ELECTRICAL SPECIFICATIONS								
VISHAY DALE	PROFILE	SCHEMATIC	CAPACITANCE RANGE		CAPACITANCE TOLERANCE	CAPACITANCE VOLTAGE		
MODEL			C0G ⁽¹⁾	X7R	(- 55 °C to + 125 °C) ± %	at 85 °C V _{DC}		
CS201	D	1	33 pF to 3900 pF	470 pF to 0.1 μF	10, 20	50		
CS201	D	3	33 pF to 3900 pF	470 pF to 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				
PANAMETEN	UNIT	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 UL 94 V-0)					
Terminals	Phosphorus-bronze, solder plated					
Marking	Pin #1 identifier, DALE or D, part numbe (abbreviated as space allows), date cod					



^{*} Pb containing terminations are not RoHS compliant, exemptions may apply

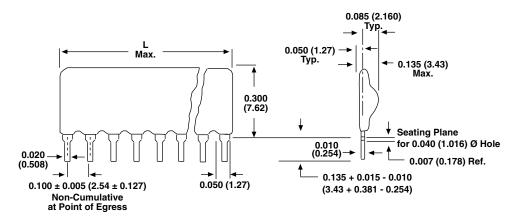
Document Number: 31522 Revision: 14-Jan-10



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

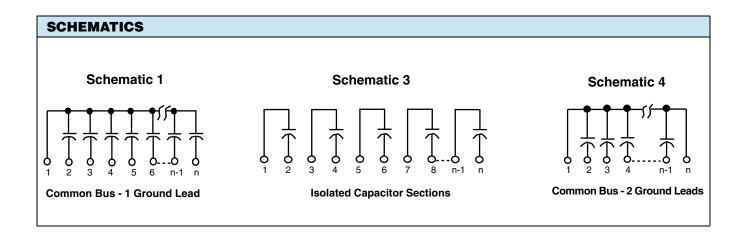
Vishay Dale

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)







Vishay

Disclaimer

All product specifications and data are subject to change without notice.

Vishay Intertechnology, Inc., its affiliates, agents, and employees, and all persons acting on its or their behalf (collectively, "Vishay"), disclaim any and all liability for any errors, inaccuracies or incompleteness contained herein or in any other disclosure relating to any product.

Vishay disclaims any and all liability arising out of the use or application of any product described herein or of any information provided herein to the maximum extent permitted by law. The product specifications do not expand or otherwise modify Vishay's terms and conditions of purchase, including but not limited to the warranty expressed therein, which apply to these products.

No license, express or implied, by estoppel or otherwise, to any intellectual property rights is granted by this document or by any conduct of Vishay.

The products shown herein are not designed for use in medical, life-saving, or life-sustaining applications unless otherwise expressly indicated. Customers using or selling Vishay products not expressly indicated for use in such applications do so entirely at their own risk and agree to fully indemnify Vishay for any damages arising or resulting from such use or sale. Please contact authorized Vishay personnel to obtain written terms and conditions regarding products designed for such applications.

Product names and markings noted herein may be trademarks of their respective owners.

Revision: 18-Jul-08

Document Number: 91000 www.vishay.com