

TABLE OF CONTENTS

Commercial, Industrial and High Reliability “HR” Capacitors	4-5
High Reliability “CR” Capacitors.	6-7
High Reliability “SR” Capacitors.	8-9
Space Series SR#M123A Series Surface Mount Ceramic Chip Capacitors	10 & 11
SR#N1, HR#N2, HR#N3 Series Following EEE-INST-002 Level 1, 2, & 3	12
Military & Space Qualifications & DLA Drawings	13
High Voltage Ceramic Capacitors.	14 & 15
Low Inductance Capacitors & Other Available Sizes	16
How to Order CDR QPL Military Parts (Mil-PRF-55681 and M123).	17
MIL-PRF-55681 CDR Chip Capacitors	18
MIL-PRF-123 CKS Chip Capacitors	19

HOW TO ORDER A PRESIDIO PART

EXAMPLE: SR0402X7R104KENT91

SR	0402	X7R	104	K	E	NT9	1	—	—
Prefix			Capacitance Code		Voltage Code			Suffix	
Blank for Commercial/Industrial (See Page 4&5) HR (see page 4&5) CR (see page 6&7) SR (see page 8&9) For Engineering Units we recommend our HR Series			Two significant figures followed by the number of zeros Example OR1 = 0.1 pF 1R0 = 1.0 pF 100 = 10 pF 101 = 100 pF 102 = 1000 pF 103 = .01 μF 104 = .10 μF 105 = 1.0 μF		B = 5 VDC C = 6.3 VDC E = 10 VDC F = 12 VDC G = 16 VDC H = 20 VDC 1 = 25 VDC 2 = 50 VDC L = 75 VDC 3 = 100 VDC A = 150 VDC 4 = 200 VDC & = 250 VDC 5 = 300 VDC 6 = 500 VDC 7 = 600 VDC 8 = 750 VDC 9 = 1000 VDC 10 = 1500 VDC 11 = 2000 VDC 12 = 2500 VDC 13 = 3000 VDC 14 = 4000 VDC 15 = 5000 VDC 16 = 6000 VDC 17 = 7000 VDC 18 = 8000 VDC 19 = 9000 VDC 20 = 10,000 VDC 21 = 11,000 VDC 22 = 12,000 VDC 23 = 15,000 VDC 24 = 20,000 VDC 25 = 25,000 VDC 30 = 30,000 VDC 40 = 40,000 VDC 50 = 50,000 VDC		Add “A” for non-standard dimensions. Leave blank for standard dimensions.		
	Size Code								
	See tables for sizes								
		Dielectric Code		Tolerance Code				Packaging and Marking	
		BP NPO (1) N2T BX BR BQ X7R Y5V Consult factory for electrical characteristics. (1) NPQ and UP are older names for our High Q NPO but are still supported.		A = ± .05 pF < 10 pF B = ± .10 pF < 10 pF C = ± .25 pF < 10 pF D = ± .50 pF < 10 pF E = ± 0.5% ≥ 10pF F = ± 1% ≥ 10pF G = ± 2% ≥ 10pF J = ± 5% ≥ 10pF K = ± 10% L = +20/-10% M = ± 20% Z = +80/-20% P = +100/-0%	BP NPO		1. Reel, 7”, plastic tape, unmarked 2. Reel, 7”, plastic tape, marked 5. Waffle, unmarked 6. Waffle, marked A. Reel, 13”, plastic tape, unmarked C. Reel, 7”, paper, unmarked (0402 & 0603 only) Marking available for size 0805 or larger (extra cost) Please contact factory or visit link below: http://presidiocomponents.com/PackagingCodes.pdf		
								Termination Code	RoHS Compliant Code
								NT9 = Plated SnPb over Ni Min 4% Pb P = PdAg (Thick Film Palladium Silver) H = Au (Thick Film Gold) NG* = Plated Au over Ni (for legacy parts primarily, contact factory) T = Plated Sn over Ni P, F & H Terminations are Non-Magnetic. Other Terminations Available	Blank = Non-RoHS R = RoHS Compliant Terminations P, F, H, NG & T are RoHS compliant

Consult factory for Y5V Dielectric, other voltages, capacitance options and parts outside a given range.

Please feel free to contact our Engineering Team.

We are easy to reach and eager to help you select the right part numbers for your application.

