

MILITARY SPECIFICATION PART NUMBERS CDR13 AND CDR14 – MIL-PRF-55681

CAPACITOR CHARACTERISTICS – SIZE 1010

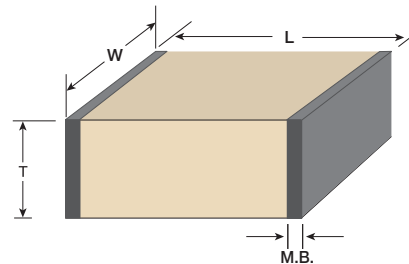
Type Designation	Capacitance (pF)	Cap. Tolerance	Rated Temp. & Voltage-Temp. Limits	Rated Voltage (V dc)
CDR1-B-0R1-B --	0.1	B	BG, BP	200, 500
CDR1-B-0R2-B --	0.2	B	BG, BP	200, 500
CDR1-B-0R3 - - - -	0.3	B, C	BG, BP	200, 500
CDR1-B-0R4 - - - -	0.4	B, C	BG, BP	200, 500
CDR1-B-0R5 - - - -	0.5	B, C, D	BG, BP	200, 500
CDR1-B-0R6 - - - -	0.6	B, C, D	BG, BP	200, 500
CDR1-B-0R7 - - - -	0.7	B, C, D	BG, BP	200, 500
CDR1-B-0R8 - - - -	0.8	B, C, D	BG, BP	200, 500
CDR1-B-0R9 - - - -	0.9	B, C, D	BG, BP	200, 500
CDR1-B-1R0 - - - -	1	B, C, D	BG, BP	200, 500
CDR1-B-1R1 - - - -	1.1	B, C, D	BG, BP	200, 500
CDR1-B-1R2 - - - -	1.2	B, C, D	BG, BP	200, 500
CDR1-B-1R3 - - - -	1.3	B, C, D	BC, BP	200, 500
CDR1-B-1R4 - - - -	1.4	B, C, D	BG, BP	200, 500
CDR1-B-1R5 - - - -	1.5	B, C, D	BG, BP	200, 500
CDR1-B-1R6 - - - -	1.6	B, C, D	BG, BP	200, 500
CDR1-B-1R7 - - - -	1.7	B, C, D	BG, BP	200, 500
CDR1-B-1R8 - - - -	1.8	B, C, D	BG, BP	200, 500
CDR1-B-1R9 - - - -	1.9	B, C, D	BG, BP	200, 500
CDR1-B-2R0 - - - -	2	B, C, D	BG, BP	200, 500
CDR1-B-2R1 - - - -	2.1	B, C, D	BG, BP	200, 500
CDR1-B-2R2 - - - -	2.2	B, C, D	BG, BP	200, 500
CDR1-B-2R4 - - - -	2.4	B, C, D	BG, BP	200, 500
CDR1-B-2R7 - - - -	2.7	B, C, D	BG, BP	200, 500
CDR1-B-3R0 - - - -	3	B, C, D	BC, BP	200, 500
CDR1-B-3R3 - - - -	3.3	B, C, D	BG, BP	200, 500
CDR1-B-3R6 - - - -	3.6	B, C, D	BG, BP	200, 500
CDR1-B-3R9 - - - -	3.9	B, C, D	BG, BP	200, 500
CDR1-B-4R3 - - - -	4.3	8, C, D	BG, BP	200, 500
CDR1-B-4R7 - - - -	4.7	B, C, D	BG, BP	200, 500
CDR1-B-5R1 - - - -	5.1	B, C, D	BG, BP	200, 500
CDR1-B-5R6 - - - -	5.6	B, C, D	BG, BP	200, 500
CDR1-B-6R2 - - - -	6.2	B, C, D	BG, BP	200, 500
CDR1-B-6R8 - - - -	6.8	B, C, J, K, M	BC, BP	200, 500
CDR1-B-7R5 - - - -	7.5	B, C, J, K, M	BG, BP	200, 500
CDR1-B-8R2 - - - -	8.2	B, C, J, K, M	BG, BP	200, 500
CDR1-B-9R1 - - - -	9.1	B, C, J, K, M	BG, BP	200, 500
CDR1-B-100 - - - -	10	F, G, J, K, M	BG, BP	200, 500
CDR1-B-110 - - - -	11	F, G, J, K, M	BG, BP	200, 500
CDR1-B-120 - - - -	12	F, G, J, K, M	BG, BP	200, 500
CDR1-B-130 - - - -	13	F, G, J, K, M	BG, BP	200, 500
CDR1-B-150 - - - -	15	F, G, J, K, M	BG, BP	200, 500
CDR1-B-160 - - - -	16	F, G, J, K, M	BG, BP	200, 500

SPACE LEVEL 'S'

DSCC DWG 06019

Type Designation	Capacitance (pF)	Cap. Tolerance	Rated Temp. & Voltage-Temp. Limits	Rated Voltage (V dc)
CDR1-B-180 - - - -	18	F, G, J, K, M	BG, BP	200, 500
CDR1-B-200 - - - -	20	F, G, J, K, M	BG, BP	200, 500
CDR1-B-220 - - - -	22	F, G, J, K, M	BG, BP	200, 500
CDR1-B-240 - - - -	24	F, G, J, K, M	BG, BP	200, 500
CDR1-B-270 - - - -	27	F, G, J, K, M	BG, BP	200, 500
CDR1-B-300 - - - -	30	F, G, J, K, M	BG, BP	200, 500
CDR1-B-330 - - - -	33	F, G, J, K, M	BG, BP	200, 500
CDR1-B-360 - - - -	36	F, G, J, K, M	BG, BP	200, 500
CDR1-B-390 - - - -	39	F, G, J, K, M	BG, BP	200, 500
CDR1-B-430 - - - -	43	F, G, J, K, M	BG, BP	200, 500
CDR1-B-470 - - - -	47	F, G, J, K, M	BG, BP	200, 500
CDR1-B-510 - - - -	51	F, G, J, K, M	BG, BP	200, 500
CDR1-B-560 - - - -	56	F, G, J, K, M	BG, BP	200, 500
CDR1-B-620 - - - -	62	F, G, J, K, M	BG, BP	200, 500
CDR1-B-680 - - - -	68	F, G, J, K, M	BG, BP	200, 500
CDR1-B-750 - - - -	75	F, G, J, K, M	BG, BP	200, 500
CDR1-B-820 - - - -	82	F, G, J, K, M	BG, BP	200, 500
CDR1-B-910 - - - -	91	F, G, J, K, M	BG, BP	200, 500
CDR1-B-101 - - - -	100	F, G, J, K, M	BG, BP	200, 500

For Information on MIL-PRF-55681
Visit our Website at:
www.presidiocomponents.com



Consult Presidio for Current
Qualification Status

PART NUMBER EXAMPLE (How to Order)

CDR13	BP	101	C	F	M	S	
Mil Style	Voltage Temperature Limits	Capacitance	Rated Voltage Code	Cap Tolerance Code	Termination Finish		Failure Rate Level
CDR13	BG = 90 ± 20 ppm / °C	3 Digit EIA Code	C = 200V E = 500V	B = ± .10 pF < 10pF C = ± .25 pF < 10 pF D = ± .50 pF < 10 pF F = ± 1% G = ± 2% J = ± 5% K = ± 10% M = ± 20%	M = Palladium/Silver	CDR13 Only	M = 1.0% P = 0.1% R = 0.01% S = 0.001%
CDR14	BP = 0 ± 30 ppm / °C				N = Silver-Nickel-Gold		
Size 1010					S = Solder Coated, Final with a Minimum of 4% Lead U = Base Metalization, Barrier Metal, Solder Coated (Tin/Lead Alloy with a Minimum of 4% Lead) W = Base Metalization, Barrier Metal, Tinned (Tin or Tin/Lead Alloy) Z = Base Metalization, Barrier Metal, Tinned (Tin/Lead Alloy with Minimum of 4% Lead)	CDR14 Only	

DIMENSIONS – CDR13 AND CDR14 CAPACITORS

Style Per MIL-C-55681	Length (L) Inches (mm)	Width (W) Inches (mm)	Thickness (T) Min Inches (mm)	Thickness (T) Max Inches (mm)	Metalization Band (M.B.) Inches (mm)
CDR13	0.110 ± 0.020 (2.794 ± 0.508)	0.110 ± 0.020 (2.794 ± 0.508)	0.030 (0.762)	0.102 (2.591)	0.015 ± 0.010 (0.381 ± 0.254)
CDR14	0.110 – 0.020 + 0.035 (2.794 – 0.508 + 0.889)	0.110 ± 0.020 (2.794 ± 0.508)	0.030 (0.762)	0.102 (2.591)	0.015 ± 0.010 (0.381 ± 0.254)

See capacitor diagram above.