

INCH-POUND

MIL-PRF-55681F  
SUPPLEMENT 1  
3 September 2004

## PERFORMANCE SPECIFICATION

### CAPACITOR, CHIP, MULTIPLE LAYER, FIXED, CERAMIC DIELECTRIC, ESTABLISHED RELIABILITY AND NON-ESTABLISHED RELIABILITY, GENERAL SPECIFICATION FOR

This supplement forms a part of MIL-PRF-55681F, dated 3 September 2004.

## SPECIFICATION SHEETS

- MIL-PRF-55681/1 - Capacitors, Chip, Multiple Layer, Fixed, Ceramic Dielectric, Established Reliability and Non-Established Reliability, Styles CDR01, CDR02, CDR03, and CDR04.
- MIL-PRF-55681/2 - Capacitors, Chip, Multiple Layer, Fixed, Ceramic Dielectric, Established Reliability and Non-Established Reliability, Style CDR05.
- MIL-PRF-55681/3 - Capacitors, Chip, Multiple Layer, Fixed, Ceramic Dielectric, Established Reliability and Non-Established Reliability, Style CDR06.
- MIL-PRF-55681/4 - Capacitors, Chip, Multiple Layer, Fixed, Ceramic Dielectric, Established Reliability and Non-Established Reliability, Styles CDR11, CDR12, CDR13, and CDR14 (High Frequency).
- MIL-PRF-55681/5 - Capacitors, Chip, Multiple Layer, Fixed, Ceramic Dielectric, Established Reliability and Non-Established Reliability, Styles CDR21, CDR22, CDR23, CDR24, and CDR25 (High Frequency).
- MIL-PRF-55681/7 - Capacitors, Chip, Multiple Layer, Fixed, Ceramic Dielectric, Established Reliability and Non-Established Reliability, Style CDR31, Metric.
- MIL-PRF-55681/8 - Capacitors, Chip, Multiple Layer, Fixed, Ceramic Dielectric, Established Reliability and Non-Established Reliability, Style CDR32, Metric.
- MIL-PRF-55681/9 - Capacitors, Chip, Multiple Layer, Fixed, Ceramic Dielectric, Established Reliability and Non-Established Reliability, Style CDR33, Metric.
- MIL-PRF-55681/10 - Capacitors, Chip, Multiple Layer, Fixed, Ceramic Dielectric, Established Reliability and Non-Established Reliability, Style CDR34, Metric.
- MIL-PRF-55681/11 - Capacitors, Chip, Multiple Layer, Fixed, Ceramic Dielectric, Established Reliability and Non-Established Reliability, Style CDR35, Metric.

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TABLE I. Available values.

Specification sheet	Style	Chip size	Dielectric	Voltage	Values	Notes
1	CDR01	805	BP	100	10pF - 180pF	
1	CDR01	805	BX	100	120pF - 3,300pF	
1	CDR01	805	BX	50	3,900pF - 4,700pF	
1	CDR02	1805	BP	100	220pF - 270pF	
1	CDR02	1805	BX	100	3,900pF - 10,000pF	
1	CDR02	1805	BX	50	12,000pF - 22,000pF	
1	CDR03	1808	BP	100	330pF - 1,000pF	
1	CDR03	1808	BX	100	12,000pF - 33,000pF	
1	CDR03	1808	BX	50	39,000pF - 68,000pF	
1	CDR04	1812	BP	100	1,200pF - 3,300pF	
1	CDR04	1812	BX	100	39,000pF - 56,000pF	
1	CDR04	1812	BX	50	82,000pF - 180,000pF	
2	CDR05	1825	BP	100	3,900pF - 5,600pF	
2	CDR05	1825	BX	100	68,000pF - 150,000pF	
2	CDR05	1825	BX	50	220,000pF - 330,000pF	
3	CDR06	2225	BP	100	6,800pF - 10,000pF	
3	CDR06	2225	BX	50	390,000pF - 470,000pF	
4	CDR11, CDR12	505	BG, BP	50, 150	.1pF - 100pF	High frequency
4	CDR11, CDR12	505	BP	50	110pF - 1,000pF	High frequency
4	CDR13, CDR14	1111	BG, BP	200, 500	.1pF - 100pF	High frequency
4	CDR13, CDR14	1111	BG, BP	200, 300	110pF - 200pF	High frequency
4	CDR13, CDR14	1111	BG, BP	200	220pF - 470pF	High frequency
4	CDR13, CDR14	1111	BG, BP	100	510pF - 620pF	High frequency
4	CDR13, CDR14	1111	BG, BP	50	680pF - 1,000pF	High frequency
4	CDR13, CDR14	1111	BP	50	1,100pF - 5,100pF	High frequency
5	CDR21 thru CDR25	1311	BG, BP	500	.1pF - 100pF	High frequency, leaded
5	CDR21 thru CDR25	1311	BG, BP	300	110pF - 200pF	High frequency, leaded
5	CDR21 thru CDR25	1311	BG, BP	200	220pF - 470pF	High frequency, leaded
5	CDR21 thru CDR25	1311	BG, BP	100	510pF - 620pF	High frequency, leaded
5	CDR21 thru CDR25	1311	BG, BP	50	680pF - 1,000pF	High frequency, leaded
5	CDR21 thru CDR25	1311	BP	50	1,100pF - 5,100pF	High frequency, leaded
7	CDR31	805	BP	100	1pF - 470pF	
7	CDR31	805	BP	50	510pF - 680pF	
7	CDR31	805	BX	100	470pF - 4700pF	
7	CDR31	805	BX	50	5,600pF - 18,000pF	
8	CDR32	1206	BP	100	1pF - 1,000pF	
8	CDR32	1206	BP	50	1,100pF - 2,200pF	
8	CDR32	1206	BX	100	4,700pF - 15,000pF	
8	CDR32	1206	BX	50	18,000pF - 39,000pF	
9	CDR33	1210	BP	100	1,000pF - 2,200pF	
9	CDR33	1210	BP	50	2,400pF - 3,300pF	
9	CDR33	1210	BX	100	15,000pF - 27,000pF	
9	CDR33	1210	BX	50	39,000pF - 100,000pF	
10	CDR34	1812	BP	100	2,200pF - 4,700pF	
10	CDR34	1812	BP	50	5,100pF - 10,000pF	
10	CDR34	1812	BX	100	27,000pF - 56,000pF	
10	CDR34	1812	BX	50	100,000pF - 180,000pF	
11	CDR35	1825	BP	100	4,700pF - 10,000pF	
11	CDR35	1825	BP	50	11,000pF - 22,000pF	
11	CDR35	1825	BX	100	56,000pF - 150,000pF	
11	CDR35	1825	BX	50	180,000pF - 470,000pF	

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Custodians:

Army - CR  
Navy - EC  
Air Force - 11  
DLA - CC

Review activities:

Army - MI  
Navy - AS, MC, OS, SH  
Air Force - 19, 99

Preparing activity:  
Army - CR

Agent:  
DLA - CC

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