

Export Control Regulations and ITAR Free

MIL-PRF-55681 CDR Styles

MULTILAYER CAPACITORS FOR MILITARY / AEROSPACE APPLICATIONS TEMEX CERAMICS NATO CODE: FAQY3

I. CONFORMANCE INSPECTION

Inspection of military product for delivery shall consist of main electrical parameters, according to MIL-STD-202 test methods, and group A inspection, as described in MIL-PRF-55681.

Inspection	Sample Size	MIL-STD-202	MIL-PRF-55681
Capacitance	100%	Test Method 305A	
Dissipation Factor	100%	Test Method 306	
Insulation Resistance	100%	Test Method 302	
Dielectric Withstanding Voltage	100%	Test Method 301	
Insulation Resistance (+125 ℃)	Column A (*)	Test Method 302	4.8.6
Visual and Mechanical Examination	Column B (*)		4.8.2
ESR (RF)	6 units		4.8.8 / Appendix A (figures A-3 and A-4)
Solderability	13 units	Test Method 208H	4.8.10
Test Method 305A Test Method 306 Test Method 302 Test Method 301	Capacitance test, go/no-go check, no measurement data Dissipation Factor test, go/no-go check, no measurement data Insulation Resistance test, go/no-go check, no measurement data Dielectric Withstanding Voltage test, go/no-go check, no measurement data		
(*)	See Sample Size Chart be	elow	

II. CAPACITOR CHARACTERISTICS

Equivalent mechanical configurations of CDR styles (high-frequency) as described in MIL-STD-55681/4 and 5 performance specification sheets.

MIL-PRF-55681 Styles	Rated and Voltage Temperature Limits	Equivalent Part Number	Lead and Termination
CDR11 / CDR12	BG / BP	CHA / SHA	W
CDR13 / CDR14	BG / BP	CHB / SHB	W
CDR21	BG / BP	CHB : SHB	1
CDR22	BG	СНВ	2
CDR23	BG	СНВ	6
CDR24	BG	СНВ	3
CDR25	BG	СНВ	7

NB: termination W is Solder Coated, Final.

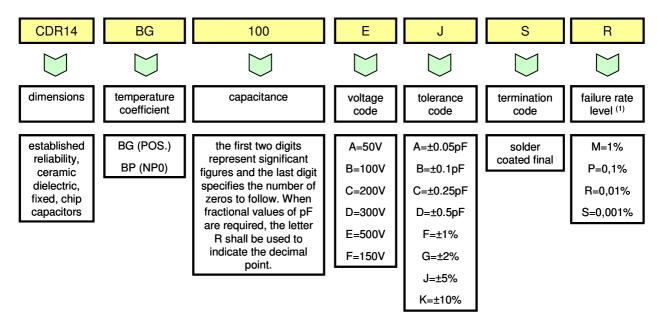




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III. PART NUMBERING

III.1. MIL



^{(1):} established at 90% confidence, expressed per 1000 hours.

III.2. Temex Ceramics

