

Compliance Matrix For Ceramic Chip Capacitors

SI.NO	SPECIFICATION	REMARKS
A	QUALITY REQUIREMENTS:	
A1	Qualified to Generic Specification: MIL-PRF-55681	
A2	Failure rate level: 'S' ('R' level considered if no quote received for 'S' level)	
B	COMPONENT SPECIFICATION:	
B1	Style: CDR31	
B2	Value: As per Table-1	
B3	Tolerance: As per Table-1	
B4	Temperature coefficient: As per Table-1	
B5	End termination: 'U' (Base metallization - barrier metal solder coated.)	
C	TEST REQUIREMENTS:	
C1	The components shall have undergone Group 'A' tests as per MIL-PRF-55681	
D	DATA PACK REQUIREMENTS:	
D1	Group 'A' test data.	
D2	Certificate of Conformance from the manufacturer.	
E	OTHER REQUIREMENTS:	
E1	The name of the manufacturer shall be specified as part of the offer.	
E2	Each device type shall be supplied from lots with same Date code. The devices shall be drawn from lots manufactured less than 5 years of the date of shipment.	
E3	No pure tin shall be used in the fabrication/assembly of the component.	
E4	Latest data sheet of the quoted item shall be sent along with the offer.	
E5	Only Vendors/suppliers authorized to source the above components from the manufacturer shall be considered. Necessary certificate from the manufacturer shall be enclosed along with the offer	
E6	Capacitors shall be supplied in a packing that bears a label giving details such as a. Part number b. Value c. Tolerance d. End termination e. Failure Rate .	
E7	Report to URSC all NCR/DCN during procurement/testing.	

Table-1

Sl. No	Part Details
1	CDR31 1 kpf 100V 10%
2	CDR31 4.7 kpf 100V 10%