Procurement Specification For LD Series Chip Capacitor

A. **QUALITY REQUIREMENTS:**

    1. Processed to Generic Specification: MIL-PRF-55681

B. **COMPONENT SPECIFICATION:**

    1. Style   : LD Series
    2. Dielectric   : X7R
    3. Values/Tolerance/Case size   : As per Table -1
    4. End termination finish   : Min 5% Lead
    5. Operating temperature range : -55ºC to +125ºC

C. **TEST REQUIREMENTS:**

    1. The devices shall have undergone Group 'A' test as per MIL-PRF-55681.

D. **DATA PACK REQUIREMENTS:**

    1. 100% Group 'A' test data.
    2. Certificate of Conformance from the manufacturer.

E. **OTHER REQUIREMENTS:**

    1. Part number marking on body/cover shall be provided along with the quotation.
    2. Each device type shall be supplied from lots with same Date code. The devices shall be drawn from lots manufactured within 2 years of the date of shipment preferably.
    3. No pure tin shall be used in the fabrication/assembly of the component.
    4. Only Vendors/suppliers authorized to source above space grade components from the manufacturer shall be considered. Necessary certificate from the manufacturer shall be enclosed along with the offer.
    5. Latest data sheet of the quoted item shall be sent along with the offer.
    6. . The manufacturer shall report to IISU all NCR/DCN (Document Change Notice) during Procurement/Testing.
    7. The device leads/Body shall be free from any type of oxidation /corrosion/brown spots etc.
    8. The parts shall be accepted after through incoming inspection and clearance.
    9. Any device, if found, not as per the required specification, ie(manufacturing defect/material defect/unsuitable for the operation) shall be replaced free of cost.
    10. 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 .

Please provide point by point compliance to specifications in your quote.

Table -1

Sl.No	Part no.	Value	Package	Tolerance(±)
1	LD201C106KBB	10uF,100V	SMD 2220	10%
2	LD061C105JBB	1uF,100V	SMD1206	5%
3	LD051C104JBB	0.01uF,100V	SMD 0805	5%