

Annexure-1 (For CWR capacitors with Sl No 1,2,3,4,7)
Specifications and conditions

SL.NO	REQUIREMENTS	CONDITIONS
QUALITY REQUIREMENTS		
1	Qualified to generic specification	MIL-PRF-55365/11D
2	Failure rate level	Weibull 'C'
Component specification		
3	Style	CWR29
4	Values	As mentioned in the list (sl.no: 1,2,3,4,7)
5	Tolerance	±5%
6	Termination	'C' (Hot Solder Dipped)
Test requirements		
7	Group 'A' test.	
8	Quote separately for Surge current test as per condition 'C' specified in MIL-PRF-55365	
Data Pack Requirements		
9	Group 'A' test data.	
10	Summary of surge current test.	
Other requirements		
11	The name of the manufacturer shall be specified as part of the offer.	
12	Certificate of conformance issued by the manufacturer.	
13	Each device type shall be supplied preferably from lots with same date code. The devices shall be drawn from lots manufactured within 2-3 years of the date of shipment	
14	No pure tin shall be used in the fabrication/assembly of the component.	
15	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	
16	Capacitors shall be supplied in packing that bears a label which gives the details like a. Part number b. Value c. Tolerance d. Failure rate level.	
17	Package material shall be ESD compliant	
18	Report to IISU all NCR during procurement/testing.	
19	In your quote, MOQ if any shall be indicated in slabs with respective rates (slabs: 100/300/500/1000/5000)	
20	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.	
21	These items to be treated as consumables, hence PBG is not applicable.	
22	The parts shall be accepted after thorough incoming inspection and clearance.	
23	Please provide point by point compliance to specifications in your quote	

Annexure-3(For CTC21E capacitors SI No 5,6)

SL.NO	REQUIREMENTS	CONDITIONS
QUALITY REQUIREMENTS		
1	Qualified to generic specification	ESCC 3012
2	Detail specification	ESCC 3012/003
Component specification		
3	Style	CTC21E
4	Values	As mentioned in the list (sl.no:5 to 6..)
5	Tolerance	±10%
6	Termination finish	Hot Solder Dipped (Code 'S')
7	Storage / Operating Temperature Range	-55°C to +125° C
Test requirements		
8	The components delivered shall be subjected to the tests and measurements as per Chart II & Chart III of ESCC 3012.	
9	Quote separately for Surge current test (as per condition 'C' of MIL-PRF-55365)	
10	Quote separately for LAT I & LAT II Test	
DATA PACK REQUIREMENTS		
11	Variable (read and record) data pertaining to all the measurements taken at various stages of testing as per Chart II & III of ESA/SCC 3012	
12	The test data shall have a covering sheet giving the details like all the test conducted/ test conditions, quantity in/ out against each test	
13	Photographs of Radiographic Inspection	
14	Test data pertaining to LAT1/ LAT2 (if the test is ordered)	
15	Summary of surge current test. (as per condition 'C' of MIL-PRF-55365)	
16	The data/report sheets shall be in English	
Other requirements		
17	The name of the manufacturer shall be specified as part of the offer.	
18	Certificate of conformance issued by the manufacturer.	
19	Each device type shall be supplied preferably from lots with same date code. The devices shall be drawn from lots manufactured within 3 years of the date of shipment	
20	No pure tin shall be used in the fabrication/assembly of the component.	
21	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	
22	Capacitors shall be supplied in packing that bears a label which gives the details like a. Part number b. Value c. Tolerance d. Failure rate level.	
23	Package material shall be ESD compliant	
24	Report to IISU all NCR during procurement/testing.	
25	In your quote, MOQ if any shall be indicated in slabs with respective rates (slabs: 100/300/500/1000/5000)	
26	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.	
27	These items to be treated as consumables, hence PBG is not applicable.	
28	The parts shall be accepted after thorough incoming inspection and clearance.	
29	Please provide point by point compliance to specifications in your quote	

Annexure-3 (For CDR capacitors ,Sl No: 8-20)

SL.NO	REQUIREMENTS	CONDITIONS
QUALITY REQUIREMENTS		
1	Qualified to generic specification	MIL- PRF- 55681
2	Failure rate level	'S'
Component specification		
3	Style	CDR
4	Values	As mentioned in the list (sl.no:8 to 20)
5	Tolerance	±10%
6	Termination finish	U'(Base metallization -barrier metal - solder coated)
Test requirements		
7	The components shall have undergone Group 'A' test as per MIL- PRF- 55681	
Other requirements		
8	The name of the manufacturer shall be specified as part of the offer.	
9	Certificate of conformance issued by the manufacturer.	
10	Group A test summary to be shipped along with the items.	
11	Each device type shall be supplied preferably from lots with same date code. The devices shall be drawn from lots manufactured within 3 years of the date of shipment	
12	No pure tin shall be used in the fabrication/assembly of the component.	
13	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	
14	Capacitors shall be supplied in packing that bears a label which gives the details like a. Part number b. Value c. Tolerance d. Failure rate level.	
15	Package material shall be ESD compliant	
16	Report to IISU all NCR during procurement/testing.	
17	In your quote, MOQ if any shall be indicated in slabs with respective rates (slabs: 100/300/500/1000/5000)	
18	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.	
19	These items to be treated as consumables, hence PBG is not applicable.	
20	The parts shall be accepted after thorough incoming inspection and clearance.	
21	Please provide point by point compliance to specifications in your quote	