



EPPL COMPONENT

Originator: null

Status: CLOSED

Company: FIRADEC

Accepted: 2010-09-14

EPPL Part: 2

Group: CAPACITORS

Subgroup:

TANTALUM SOLID

Part type: CTC21E

Description: Tantalum Solid Electrolyte

Capacitance range (μF) Tol. (\pm %) Rated Volt. (V) Dimensions (max mm)

22	10	50	11.5 x 9.5 x 5
47	10	50	11.5 x 13 x 6
33	10	40	11.5 x 9.5 x 5
68	10	40	11.5 x 13 x 6
47	10	25	11.5 x 9.5 x 5
100	10	25	11.5 x 13 x 6
100	10	20	11.5 x 9.5 x 5
220	10	20	11.5 x 13 x 6
150	10	16	11.5 x 9.5 x 5
330	10	16	11.5 x 13 x 6
220	10	10	11.5 x 9.5 x 5
470	10	10	11.5 x 13 x 6
330	10	6.3	11.5 x 9.5 x 5
680	10	6.3	11.5 x 13 x 6

Operating temperature range ($^{\circ}\text{C}$) : -55 to +125

Detail spec: 3012/003

Package: SMD

Manufacturer: FIRADEC

APPROVAL STATUS

Qualification: Not qualified

Other:

Highest screening level (MIL): CECC line Qualification (same as CTC21)

Evaluation programmes or other approvals:

Former space usage:

PREVIOUS PROCUREMENT AND TEST DATA

Test data (Evaluation, Lot acceptance, DPA, MIL QCI/TCI, ...):



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RADIATION HARDNESS DATA

Total dose effects:

Displacement damage:

Single event effects (SEL/SEU/SET/SEFI/SEB/SEGR/others):

REMARKS

Bigger anodes require further attention during parts mounting