

6 COMPONENT CERTIFICATES

6.1 CAPACITORS (01)

6.1.1 Ceramic Fixed

Capacitors, Ceramic, Type II, High Capacitance, Based on Case Styles BR, CV, and CH				367
Procurement Specifications	Manufacturer	Nature of Approval	Supervising Authority	Initial Qualification Date
Generic ESCC 3001		Qualification	UK Space Agency	June 2020 Initial qualification dates of certificates merged into 367. Cert 231: Jul 1996 Cert 262: Sept 2000 Cert 264: Feb 2001
		Remarks		
Details ESCC 3001/030 3001/034 3009/034	AVX Limited Coleraine Northern Ireland			
Qualified Range: 3001/030 - Capacitors, Ceramic, Type II, High Capacitance, Based on Case Styles BR, CV, and CH E12 series Variants 01 to 74 capacitance range for 50V, 100V and 200V Variants 01 to 52, and 59 to 60, for 500V are qualified 3001/034 - Capacitors, ceramic, type II, high voltage, 1.0 to 5.0 kV, based on case styles VR, CV, and CH E12 series Variants 01 to 22 are qualified 3009/034 - Capacitors, fixed, chip, ceramic, type ii, high voltage, based on 1812 and 1825 Variants 01 to 12 are qualified Terminations: Variants 01 to 12 with metallised pads ±10% tolerance Operating Temperature Range (°C): -55 to +125				

CAPACITORS, FIXED, CHIP, BASE METAL ELECTRODE, CERAMIC DIELECTRIC TYPE II, BASED ON TYPE TTP, 0402, 0603, 0805, 1206, 1210, 1812, 2220				331B
Procurement Specifications	Manufacturer	Nature of Approval	Supervising Authority	Initial Qualification Date
Generic ESCC 3009 Detail ESCC 3009/041	AVX Limited Coleraine Northern Ireland	Qualification	ESA	Apr 2015
<p>Remarks:</p> <p>Qualified Range:</p> <p>E12 value series</p> <p>Variant 01 0402, Cn as in Detail specification, 5%, 10%, 20% tolerances, 16V, 25V, 50V, 100V rated</p> <p>Variant 02 0603, Cn as in Detail specification, 5%, 10%, 20% tolerances, 16V, 25V, 50V, 100V rated</p> <p>Variant 03 0805, Cn as in Detail specification, 5%, 10%, 20% tolerances, 16V, 25V, 50V, 100V rated</p> <p>Variant 04 1206, Cn as in Detail specification, 5%, 10%, 20% tolerances, 16V, 25V, 50V, 100V rated</p> <p>Variant 05 1210, Cn as in Detail specification, 5%, 10%, 20% tolerances, 16V, 25V, 50V, 100V rated</p> <p>Variant 06 1812, Cn as in Detail specification, 5%, 10%, 20% tolerances, 16V, 25V, 50V, 100V rated</p> <p>Variant 07 2220, Cn as in Detail specification, 5%, 10%, 20% tolerances, 16V, 25V, 50V, 100V rated</p> <p>Terminations: Cu and Ag-loaded epoxy + Ni barrier+ Sn/Pb plating finish (10% Pb minimum)</p> <p>Operating Temperature Range (°C):-55 to +125</p>				