

		APPLICATION FOR EXTENSION OF ESCC QUALIFICATION APPROVAL			Page 1 Appl. No.367C	
		Component Title: Capacitors, Ceramic, Type II, High Capacitance, Based on Case Styles BR, CV, CH				
		Executive Member: UKSA			Date: 22/06/2026	

Components (including series and families) submitted for Extension of Qualification Approval: 1

ESCC COMPONENT NO.	VARIANTS	RANGE OF COMPONENTS	BASED ON	TEST VEHICLE / S	COMPONENT SIMILAR
3001/030	01 to 74 01 to 52 and 59 to 60	50v, 100v and 200 volt (E12) 500v (E12)		300103009475KE 300103024825KE 300103049565KL	
3001/034	01 to 22	1.0 to 5.0kV	VR, CV and CH	300103403124KM	
3009/034	01 to 12	01 to 12 with metalised pads	1812 and 1825	300903401223	

Component Manufacturer Kyocera Avx	2	Location of Manufacturing Plant(s) Hillmans Way Coleraine BT52 2DA N Ireland	3	Date of original qualification approval: Date: 1996/2000/2001 merged 2020 Certificate Ref No. 367	4
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ESCC Specifications used for Maintenance of qualification testing: Generic: 3001 Issue: 05 3009 Issue: 06 Detail(s): Issue:	5	Deviations to LVT testing and Detail Specification used: No ☒ Yes ☐ (supply details in Box 15) Deviation from current Specifications: No ☒ Yes ☐ (Supply details)	6	Qualification Extension Report reference and date: COL/ESR/26-01 COL/ESR/26-02 COL/ESR/26-03 COL/ESR/26-04 COL/ESR/26-05	7
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Summary of procurement or equivalent test results during current validity period in support of this application (those to ESCC listed first) 8

Project Name	Testing Level	LAT	Date code	Quantity Delivered

PID changes since start of qualification None ☐ Minor* ☒ Major* ☐ *Provide details in box:	9	Current PID Verified by: Cathy Chandler Name of Executive Representative Ref No: COL ESA PI-01 Issue: N Date: 22/06/2026 Rev Date: 01/06/2026	10
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Current Manufacturing facilities surveyed by: UKSA and ESA on 24/06/2024

(Name of Executive Representative) (Date)

 Satisfactory: Yes ☒ No ☐ Explain

 Report Reference: Kyocera AVX-AUD-2024

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Failure Analysis, DPA, NCCS available: Yes ☐ No ☐ (Supply data)

Ref. No's and purposes:

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The undersigned hereby certifies on behalf of the ESCC Executive - that the above information is correct; - that the appropriate documentation has been evaluated; - that full compliance to all ESCC requirements is evidence (except as stated in box 15); - that the reports and data are available at the ESCC Executive and therefore applies on behalf of UKSA as the responsible Executive Member for ESCC qualification status to be extended to the component(s) listed herein.

Date: 22/06/2026

(Signature of the Executive Coordinator)

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Continuation of Boxes above:



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367C**ANNEX 1: LIST OF TESTS DONE TO SUPPORT EXTENSION OF QUALIFICATION**

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Tests conducted in compliance with:

- ESCC 3001 generic specification; Chart F4 specification; (for ESCC/QPL parts);
- ESCC 3009 generic specification; Chart F4 specification; (for ESCC/QPL parts);

Tests vehicle identification/description:

COL/ESR/26-01 300103009475KE DC2451A	COL/ESR/26-02 300103403124KM DC2447A
COL/ESR/26-03 300103024825KE DC2548A	COL/ESR/26-04 300103049565KL DC2605A
COL/ESR/26-05 300903401223 DC2603A	

Detail Specification reference: 3001/030 3001/034 3009/034

Chart V	Test	Tick when done	Conditions	Date Code	Tested Qty	No. of Rejects	Comments if not performed. Comments on Rejection
Environmental / Mechanical Subgroup	Mounting	☒	IEC 60384-1		23	0	
	Rapid Change of Temperature	☒	ESCC 3001 Para 8.5 ESCC 3009 Para 8.8		80	0	
	Visual Inspection	☒	ESCC 3001, Para. 8.8 ESCC 3009, Para. 8.5		80	0	
	Steady State Humidity	☒	ESCC 3001, Para. 8.2 ESCC 3009, Para. 8.2		60	0	
	Damp Heat Steady State	☒	IEC 60068-2-78		40	0	
	Vibration	☒	ESCC 3001, Para. 8.10		12	0	
	Shock	☒	ESCC 3001, Para. 8.11		12	0	
Endurance Subgroup	Mounting	☒	IEC 60384-1		10	0	
	Operating Life	☐	ESCC 3001, Para. 8.12 ESCC 3009, Para. 8.9		50	0	
	Electrical Measurements during Endurance Testing	☒	ESCC 3001, Para. 8.6 ESCC 3009, Para. 8.3		50	0	
Electrical Subgroup (Elect. Meas.)	Mounting	☒	IEC 60384-1		3	0	
	Temperature Characteristic (Type II)	☒	ESCC 3001, Para.8.10 ESCC 3009, Para.8.13		15	0	
	Robustness of Terminations	☒	ESCC 3009, Para.8.7		3	0	
Electrical Subgroup (Ass. /	Solderability	☒	IEC 68-2-20		15	0	
	Resistance to Soldering Heat	☒	ESCC 3001, Para 8.9		12	0	
Additional Tests		☐					
		☐					

