



IECQ Certificate of Conformity Component

IECQ Certificate No.:	IECQ-C LCIE 13.0022	Issue No.:	8	Status:	Current
Supersedes:	IECQ-C LCIE 13.0022 Issue 7	Issue Date:	2023/02/27	Org Issue:	2014/02/27
CB Reference No.:	14598494-777644	Expiration:	2026/02/26		

KYOCERA AVX Components (Saint-Apollinaire) S.A.S.

Avenue du Colonel Prat
21850 SAINT-APOLLINAIRE
France

The organization has developed and implemented procedures and related processes which have been assessed by the IECQ Certification Body issuing this certificate and found to comply with the applicable requirements of the IECQ Approved Component Scheme which is in accordance with the Basic Rules IECQ 01 "Rules of Procedure", IECQ 03-1 "IECQ General Requirements for all Schemes" and IECQ 03-3 "IECQ Approved Components Scheme" of the IEC Quality Assessment System for Electronic Component (IECQ), and in respect of standard(s) or specification(s):

- CECC 32 101-801 {Ed.1, 1988} Fixed multilayer ceramic chip capacitors

Process Manual Reference: CP 254

Details of Components/Assemblies/Materials:

Fixed multilayer ceramic chip capacitor, class 1 and class 2.
Characteristics of certified components: see annex pages 1 and 2.

-- Attached Schedule: IECQ-C LCIE 13.0022 Is.8 GB Annex1.pdf --

Issued by the Certification Body (CB): LCIE Bureau Veritas

33 avenue, du Général Leclerc
92260, Fontenay aux Roses
France

Authorized person:
Gilles CUVILLIER



LCIE



The validity of this certificate is maintained through on-going surveillance audits by the IECQ CB issuing this certificate.

This Certificate of Conformity may be suspended or withdrawn in accordance with the Rules of Procedure of the IECQ System and its Schemes.

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Schedule of Scope to Certificate of Conformity Approved Component

IECQ Certificate No.: IECQ-C LCIE 13.0022 Is.8
 CB Certificate No.: 14598494-777644

Schedule Number: IECQ-C 13.0022-S

Rev No.: 8

Revision Date: 2023/02/27

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CECC CHIPS TYPE II – X7R

SIZE/ TYPE	AVX CODE	DIELECTRIC CLASS	VOLTAGE (V)	CAPACITANCE RANGE		TOL %	RELEVANT SPECIFICATION
				Mini	Maxi		
0805/ CNC2	A.12ZF A.12ZE A.12ZD	X7R	200 100 25/50	0.33 0.33 0.33	18nF 47nF 100nF	5 10 20	IEC 384-8...10 CECC 32100 – 32101 / 801
1206/ CNC12	A.20ZJ A.20ZF A.20ZE A.20ZD A.20ZC	X7R	500 200 100 50 25	1 1 1 1 200	8.2nF 39nF 100nF 180nF 220nF		
1210/ CNC4	A.13ZJ A.13ZF A.13ZE A.13ZD A.13ZC	X7R	500 200 100 50 25	2.2 2.2 2.2 2.2 360	22nF 100nF 220nF 330nF 470nF		
1812/ CNC6	A.14ZJ A.14ZF A.14ZE A.14ZD A.14ZC	X7R	500 200 100 50 25	2.7 2.7 2.7 2.7 750	47nF 180nF 470nF 680nF 1000nF		
2220/ CNC7	A.15ZJ A.15ZF A.15ZE A.15ZD A.15ZC	X7R	500 200 100 50 25	4.7 4.7 4.7 4.7 1600	68nF 390nF 1000nF 1500nF 2200nF		

NOTA: 3 Terminations available: Ag Pd Pt → AC
 Nickel barrier with Tin-Lead finish → AN
 Nickel barrier with Tin finish → AD

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