

IEC QUALITY ASSESSMENT SYSTEM (IECQ)

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IECQ Certificate of Conformity Qualification

IECQ Certificate No .:	IECQ-C BSI 15.0013	Issue No.:	5	Status:	Current
Supersedes:	IECQ-C BSI 15.0013 Issue 4	Issue Date:	2024/09/27	Org Issue:	2015/12/09
CB Reference No.:	E1291/F Issue 5	Expiration:	2027/12/08		

Dongguan Littelfuse Electronics Co Ltd

Nanfang East Road, Beice Humen Town, Dongguan Guangdong China

The organization has developed and implemented procedures and related processes that have been assessed by the IECQ Certification Body in accordance with IECQ 03-1 and IECQ 03-3 for issuance of this certificate and found to be in conformity with the applicable requirements of the IECQ Approved Component Scheme and in respect of standard(s) or specification(s):

• For a complete list of standards and specifications see the attached schedule of scope.

Process Manual Reference:

DG1-QA75-0008 & DG1-QA75-0055

Details of Components/Assemblies/Materials:

Surge Suppression Varistors HMOV Series: Temperature Range -55 °C to +125 °C

-- Attached Schedule: E1291_F Scope Issue 5.pdf --

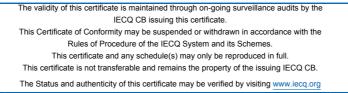
Issued by the Certification Body (CB): BSI

Kitemark Court, Davy Avenue Knowlhill, Milton Keynes MK5 8PP United Kingdom

Stark



Authorized person: Shahm Barhom



-- Attached Translation: - None --

IECQ-C Rev. 05



IEC QUALITY ASSESSMENT SYSTEM (IECQ)

covering Electronic Components, Assemblies, Related Materials and Processes

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Schedule of Scope to Certificate of Conformity

Approved Component – Qualification Approval

IECQ Certificate No.: IECQ-C BSI 15.0013

CB Certificate No.: E1291/F

Schedule Number: IECQ-C BSI 15.0013-S

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Approved Standard(s)/Specification(s)	Title		
BS EN IEC 61051-1 {2018}	Varistors for use in electronic equipment. Generic specification.		
BS IEC 61051-2 {1992, +A1:2009}	Harmonized system of quality assessment for electric components. Varistors for use in electronic equipment. Sectional specification for surge suppression varistors		
IEC 61051-2-2 {1991-02}	Varistors for use in electronic equipment - Part 2: Blank detail specification for zinc oxide surge suppression varistors. Assessment level E.		
BS EN 60950-1 {2006 + A2 2013}	Information technology equipment. Safety. General requirements - Annex Q Components.		
IEC 60950-1 {Ed2.2, 2013-05}	Information technology equipment – Safety – Part 1: Annex Q – Voltage Dependent Resistors (VDRs)		
EN 62368-1:2014 {2014}	Audio/video, information and communication technology equipment - Part 1: Safety Requirements – Annex G Components		
IEC 62368-1 {2018}	Audio/video, information and communication technology equipment - Part 1: Safety Requirements – Annex G Components		

Test Report	Dated	Accepted by BSI	
TRC028	10 November 2015	19 November 2015	
TRC041	9 September 2020	17 November 2020	

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HMOV are high temperature versions of Littelfuse TMOV ZA series and E series. Structurally identical but with a silicone coating instead of epoxy. Pb free versions only produced.

Voltago Identifier	HMOV Series (<i>Littelfuse</i> Part Numbers)			
Voltage Identifier	10 mm Dia.	14 mm Dia.	20 mm Dia.	
11	V10H11P	V14H11P	V20H11P	
14	V10H14P	V14H14P	V20H14P	
17	V10H17P	V14H17P	V20H17P	
20	V10H20P	V14H20P	V20H20P	
23	V10H23P	V14H23P	V20H23P	
25	V10H25P	V14H25P	V20H25P	
30	V10H30P	V14H30P	V20H30P	
35	V10H35P	V14H35P	V20H35P	
40	V10H40P	V14H40P	V20H40P	
50	V10H50P	V14H50P	V20H50P	
60	V10H60P	V14H60P	V20H60P	
75	V10H75P	V14H75P	V20H75P	
95	V10H95P	V14H95P	V20H95P	
115	V10H115P	V14H115P	V20H115P	
130	V10H130P	V14H130P	V20H130P	
140	V10H140P	V14H140P	V20H140P	
150	V10H150P	V14H150P	V20H150P	
175	V10H175P	V14H175P	V20H175P	
230	V10H230P	V14H230P	V20H230P	
250	V10H250P	V14H250P	V20H250P	
275	V10H275P	V14H275P	V20H275P	
300	V10H300P	V14H300P	V20H300P	
320	V10H320P	V14H320P	V20H320P	
385	V10H385P	V14H385P	V20H385P	
420	V10H420P	V14H420P	V20H420P	
440	V10H440P	V14H440P	V20H440P	
460	V10H460P	V14H460P	V20H460P	
510	V10H510P	V14H510P	V20H510P	
550	V10H550P	V14H550P	V20H550P	
625	V10H625P	V14H625P	V20H625P	

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