High Voltage Fuse





High Current SHEV Fuses

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The HC HEV fuse is designed for protection of high-current / high-voltage circuits in electric and hybrid electric vehicles employing an industry-standard footprint. The HC HEV fuse provides time-delay characteristics with "Diffusion Pill Technology."

Specifications

Material: Body: Melamine (U.L. Flammability rating of 94 V0)

End Caps: Stainless Steel Terminals: Copper Alloy 5-7 Nm M6 (ISO prescription)

Recommended Mounting Torque: 5-7 Nm M6 (ISO prescription) 10 Nm M6 (Max allowed)

Refers To: ISO 8820-8 first edition 2012-08-01 (Type J2) - JASO D622

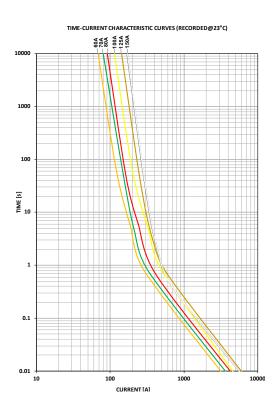
Ordering Information

Part Number	Termination	Package Size
SHEVxxx.ZXBD	M6 Bolt Down	320

Time-Current Characteristics

% of Rating	Opening Time Min / Max (s)		
110	4 hrs /∞		
200	1.0 / 300		
300	0.2 / 30		
500	0.05 / 1.0		

Time-Current Characteristic Curves



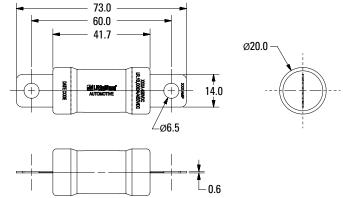
Ratings

Part Number	Current Rating (A)	Typ. Voltage Drop (mV)	Max. Voltage Drop Spec at 100% IR (mV)	Cold Resistance (m Ω)	Minimum Melting I²t (A²s)
SHEV060.ZXBD	60	110	200	1.4	7745
SHEV070.ZXBD	70 (*)	115	200	1.2	Coming up
SHEV080.ZXBD	80	90	200	0.8	16002
SHEV100.ZXBD	100	95	200	0.62	27079
SHEV125.ZXBD	125 (*)	95	200	0.48	Coming up
SHEV150.ZXBD	150 (*)	140	200	0.48	Coming up

^(*) Products in development - please contact Littelfuse® for more details regarding availability timing Final values for voltage drop, resistance, melting I²t and T/C curves will be generated from PV tests data

Dimensions

Dimensions in mm



REV11072019

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