

A range of miniature thermal fuses, also called thermal cutoffs (TCO), which are single shot, non-resettable devices that become open circuit within a narrow temperature band. Being specifically designed to cut off the electrical current to an appliance or circuit when an abnormally high ambient temperature is reached, the fuses are well suited to protect a wide variety of industrial and domestic equipment from overheating. Offered in both axial (ceramic tube) and radial (phenolic case), each lead style has a choice of opening temperature and current rating.

- ◆ Miniature, axial & radial styles
- ◆ Epoxy sealed, insulated bodies
- ◆ Choice of temperature & current ratings
- ◆ Stable characteristics
- ◆ Fast response
- ◆ Single shot, non-resettable
- ◆ Accurate melting points
- ◆ Multiple approvals



Specification (all types)

Voltage rating 250Vac
 D.C. resistance 12mΩ max.
 Insulation resistance
 lead to case (before & after opening) 1000MΩ min.
 lead to lead (after opening) 1000MΩ min.
 Dielectric strength
 lead to case (before & after opening) 1500Vac for 1 minute
 lead to lead (after opening) 500Vac for 1 minute
 Hand soldering <2s @ 20mm min. from fuse body

CAUTION: Leads must not be bent or formed less than 3mm from lead seal

OTHER TEMPERATURES, STYLES
 AND TAPED & REELED PRODUCT
available to special order

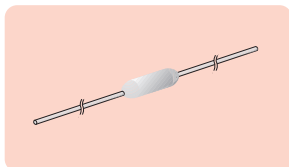
TAMURA

For the very latest information and news on the full range of TAMURA products available from Anglia, visit our website :
www.angliac.com/tamura

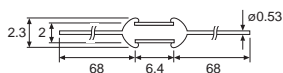
Alternatively, contact our Sales Desk to discuss your specific requirements.

AXIAL LEAD

TAMURA type VS (rated 1 Amp at 250Vac)



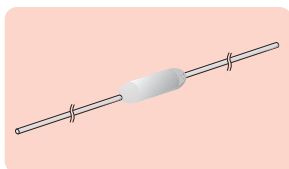
Dimensions (mm)



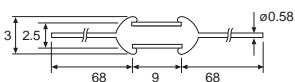
Rated Opening Temp.	Actual Opening Temp. (°C)	TH (°C)	TM (°C)	Approvals					Manf. Part No.	Anglia Order Code
				BEAB	VDE	UL	CSA	JEAML		
76°C	73 ±2.5	50	85	●	○	●	●	33-793	VS07	695110
86°C	81 ±2	60	95	●	○	●	●	33-792	VS08	695115
103°C	98 ±2	70	160	●	●	●	●	33-696	VS10*	695120
117°C	112 ±2	95	160	●	●	●	●	33-696	VS11*	695125
128°C	124 ±2	100	160	●	●	●	●	33-411	VS12*	695130
136°C	131 ±2	100	160	●	●	●	●	33-411	VS13*	695135
150°C	145 ±2	115	160	●	●	●	●	33-412	VS14*	695145
169°C	165 ±3	130	180	●	○	●	●	33-706	VS16	695155

● Approved ○ Applied for BEAB: C0569 VDE: 13710-1171-0002 UL: E73591 CSA: LR60621
 * Automatic soldering type available to special order.

TAMURA type V (rated 2 Amp at 250Vac)



Dimensions (mm)



Rated Opening Temp.	Actual Opening Temp. (°C)	TH (°C)	TM (°C)	Approvals					Manf. Part No.	Anglia Order Code
				BEAB	VDE	UL	CSA	JEAML		
76°C	73 ±2.5	50	85	●	●	●	●	33-793	V076	695210
86°C	81 ±2	60	95	●	●	●	●	33-792	V086	695215
103°C	98 ±2	70	160	●	●	●	●	33-696	V100	695220
117°C	112 ±2	95	160	●	●	●	●	33-696	V110	695225
131°C	126 +2/-3	95	160	○	●	●	●	33-411	V125	695227
135°C	131 ±2	100	160	○	●	●	●	33-411	V130	695235
150°C	145 ±2	115	160	●	●	●	●	33-412	V145	695245
169°C	165 ±3	130	180	●	●	○	●	33-706	V169	695255

● Approved ○ Applied for BEAB: C0807 VDE: 13710-1171-0009 (V076, V086, V125 to V169), 13710-4510-1008 (V100 & V110)
 UL: E73591 CSA: LR60621