

FEATURES

- Applications : Laptop Computer, Rechargeable battery packs, Lithium Cell and battery packs
- Product Features : Low profile, Solid state,
- Operation Current: 1.1A ~ 2.4A
- Maximum Voltage: 16Vdc
- Temperature Range: -40°C to 85°C

AGENCY RECOGNITION

Made for RFE by UL shop Fuzetec

- UL (E211981)
- C-UL (E211981)
- TÜV (R50004084)

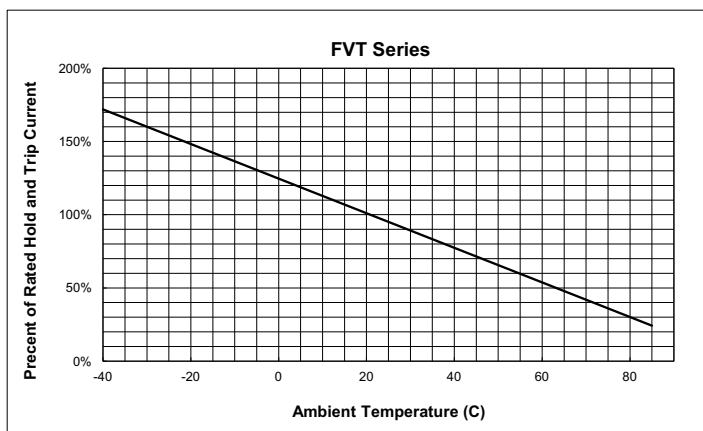
ELECTRICAL CHARACTERISTICS (23°C)

Part Number	Hold Current	Trip Current	Max. Time to Trip	Rated Voltage	Maximum Current	Typical Power	Resistance		
	I _H , A	I _T , A	at 5 x I _H , s	V _{MAX} , Vdc	I _{MAX} , A	P _d , W	R min Ohms	R max Ohms	R1 max Ohms
FVT110F	1.10	2.70	5	16	100	0.7	0.038	0.070	0.140
FVT170F	1.70	3.40	5	16	100	0.7	0.030	0.052	0.105
FVT175F	1.75	3.60	5	16	100	0.8	0.029	0.051	0.102
FVT200F	2.00	4.70	5	16	100	0.9	0.022	0.039	0.078
FVT210GF	2.10	4.70	5	16	100	1.2	0.018	0.030	0.060
FVT240F	2.40	5.90	5	16	100	1.0	0.014	0.026	0.052

I_H=Hold current-maximum current at which the device will not trip at 23°C still air.
 I_T=Trip current-maximum current at which the device will always trip at 23°C still air.
 V_{MAX}=Maximum voltage device can withstand without damage at its rated current.
 I_{MAX}=Maximum fault current device can withstand without damage at rated voltage (V_{MAX}).
 P_d=Typical power dissipated from device when in the tripped state in 23°C still air environment.
 R_{MIN}=Minimum device resistance at 23°C.
 R1_{MAX}=Maximum device resistance at 23°C, 1 hour after tripping.

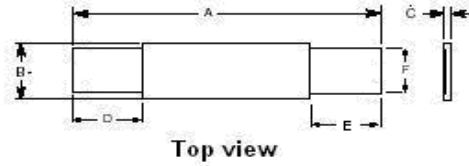
Physical specifications:
 Lead material: 0.125mm nominal thickness, quarter-hard nickel.
 Insulating material: Polyester tape

THERMAL DERATING CURVE



NOTE: All Specifications subject to change without notice.

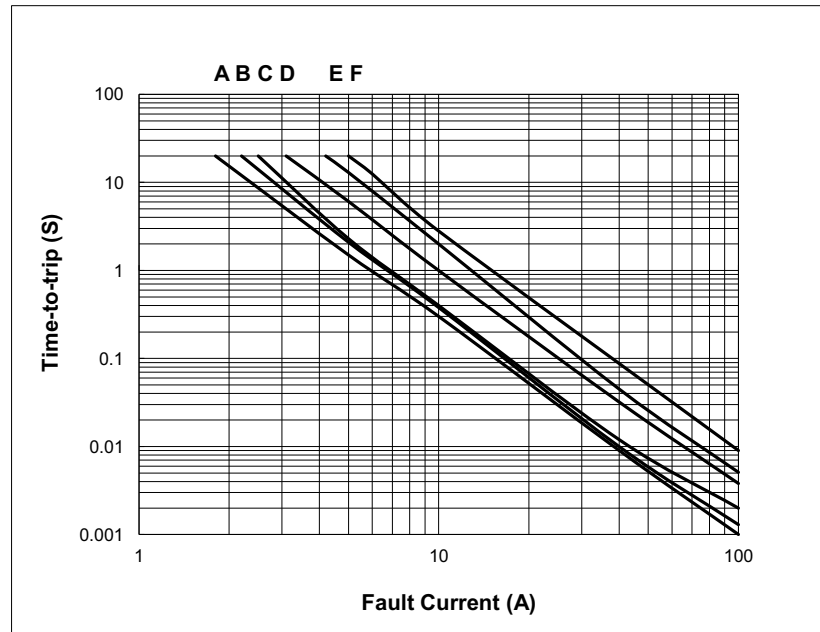
■ **DIMENSIONS** (mm)



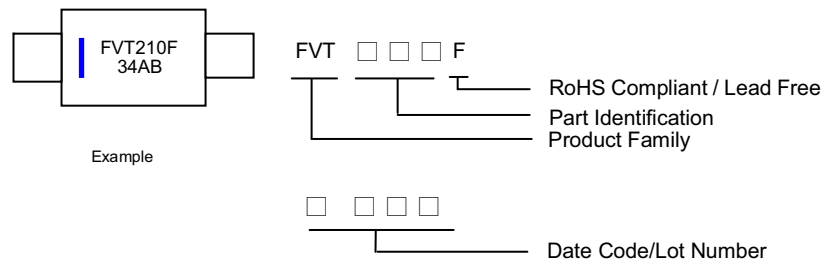
Part Number	A		B		C		D		F	
	Min	Max	Min	Max	Min	Max	Min	Max	Min	Max
FVT110F	23.60	25.60	2.60	2.90	0.50	0.90	7.00	8.00	2.30	2.50
FVT170F	15.40	17.50	7.00	7.40	0.50	0.90	4.00	6.20	3.90	4.10
FVT175F	21.00	23.00	3.50	3.90	0.50	0.90	4.60	56.00	2.90	3.10
FVT200F	21.00	23.00	4.10	4.50	0.50	0.90	3.00	4.80	2.90	3.10
FVT210GF	21.00	23.00	4.90	5.20	0.50	0.90	4.10	5.50	3.90	4.10
FVT240F	23.80	26.00	4.90	5.30	0.50	0.90	3.50	5.50	3.90	4.10

■ **TYPICAL TIME-TO-TRIP AT 23°C**

- A= FVT 110F**
- B= FVT 170F**
- C= FVT 175F**
- D= FVT 200F**
- E= FVT 210F**
- F= FVT 240F**



■ **MARKING SYSTEM**



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