

FEATURES

- Low profile, Solid state
- Application: Rechargeable battery packs, Lithium cell and battery packs
- Operation Current: 0.7A ~3.4A
- Maximum Voltage: 24V
- Temperature Range: -40°C to 85°C

AGENCY RECOGNITION

- UL (E211981)
- C-UL (E211981)
- TÜV (R3-50004084)

ELECTRICAL CHARACTERISTIC (23°C)

Part Number	Hold Current	Trip Current	Maximum time to trip	Maximum Current	Rated Voltage	Typical Power	Resistance Tolerance		
							R _{MIN}	R _{MAX}	R _{1MAX}
	I _H , A	I _T , A	at 5xI _H , sec	I _{MAX} , A	V _{MAX} , Vdc	P _d , W	OHMS	OHMS	OHMS
FLT070F	0.7	1.5	5.0	100	24	1.1	0.100	0.200	0.340
FLT100F	1.00	2.5	7.0	100	24	1.5	0.070	0.130	0.260
FLT180F	1.8	3.8	2.9	100	24	2.0	0.040	0.068	0.120
FLT190F	1.9	4.2	3.0	100	24	1.9	0.030	0.057	0.100
FLT260F	2.6	5.2	5.0	100	24	2.3	0.025	0.042	0.076
FLT300F	3.0	6.3	4.0	100	24	2.0	0.015	0.031	0.055
FLT310F	3.1	6.0	4.0	100	24	2.5	0.018	0.030	0.055
FLT340F	3.4	6.8	5.0	100	24	2.7	0.016	0.027	0.050

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.

R_{1MAX}=Maximum device resistance at 23°C, 1 hour after tripping.

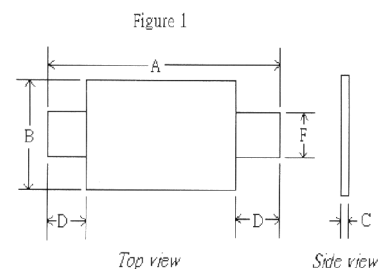
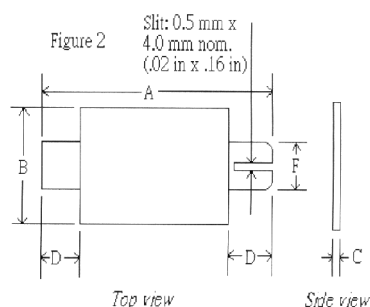
Physical specifications:

Lead materials: 0.13mm nominal thickness, quarter-hard nickel.

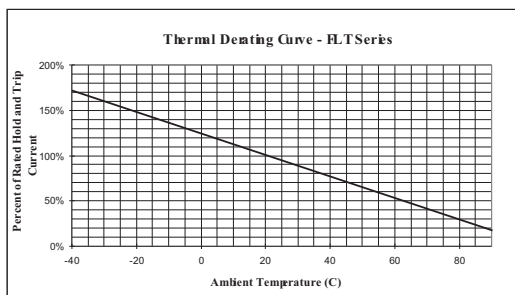
Insulating material: Polyester tape.

FLT PRODUCT DIMENSIONS (MILLIMETERS)

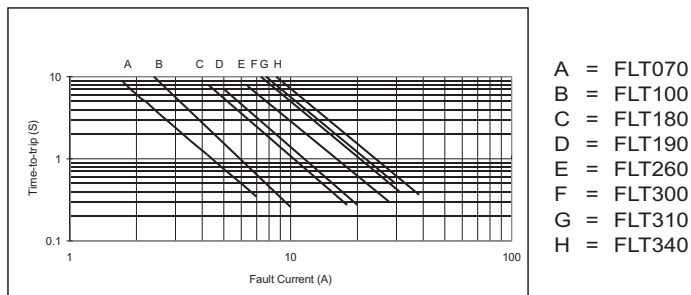
Part Number	Fig	A		B		C		D		F	
		Min	Max	Min	Max	Min	Max	Min	Max	Min	Max
FLT070F	1	19.9	22.1	4.9	5.2	0.7	1.2	5.5	7.5	3.9	4.1
FLT100F	1	20.9	23.1	4.9	5.2	0.6	1.0	4.1	5.5	3.9	4.1
FLT180F	1	24.0	26.0	4.9	5.2	0.6	1.0	4.1	5.5	3.9	4.1
FLT190F	1	21.3	23.4	10.2	11.0	0.5	1.1	5.0	7.6	4.8	5.4
FLT260F	1	24.0	26.0	10.8	11.9	0.6	1.0	5.0	7.0	5.9	6.1
FLT300F	1	28.4	31.8	13.0	13.5	0.5	1.1	6.3	8.9	6	6.6
FLT310F	1	24.0	26.0	14.8	15.9	0.6	1.0	5.0	7.0	5.9	6.1
FLT340F	1	24.0	26.0	14.8	15.9	0.6	1.0	4.0	5.0	5.9	6.1



THERMAL DERATING CURVE



TYPICAL TIME-TO-TRIP AT 23°C



NOTE: All specification subject to change without notice.