

 FUZETEC TECHNOLOGY CO., LTD.	NO.	PQ053-13E		
	Product Specification and Approval Sheet	Version	P2	Page

PTC Resettable Fuse: FCTSH48016

Preliminary

1. Summary

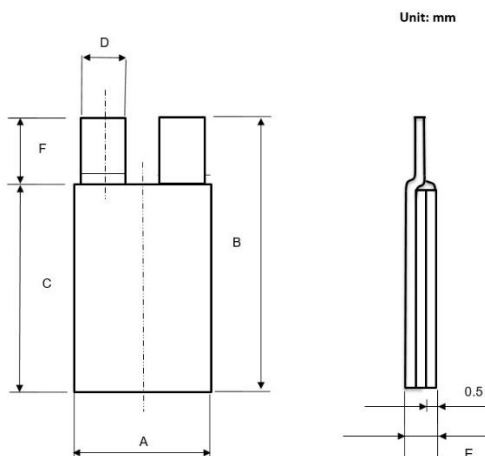
- (a) **RoHS Compliant (Lead Free) Product**
- (b) **Maximum Current: 50A**
- (c) **Maximum Voltage: 16V**
- (d) **Temperature Range : -40°C to 125°C**

2. Electrical Characteristics (23°C)

Part Number	Maximum Current	Rated Voltage	Resistance		
			R _{MIN}	R _{MAX}	R _{1MAX}
	I _{MAX} , A	V _{MAX} , V _{DC}	Ohms	Ohms	Ohms
FCTSH48016	50	16	0.018	0.025	0.040

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}).
R_{MIN}=Minimum device resistance at 23°C.
R_{MAX}=Maximum device resistance at 23°C.
Physical specifications:
Soldering characteristics: MIL-STD-202, Method 208E.
Lead material: Brass H65, thickness:0.5mm.

3. Production Dimensions (millimeter)



Part Number	A		B		C		D		E		F	
	Min.	Max.	Min.	Max.	Min.	Max.	Min.	Max.	Min.	Max.	Min.	Max.
FCTS48016	7.85	8.25	15.8	16.2	11.8	12.2	2.7	2.9	1.30	1.70	3.8	4.2

Warning: -Operation beyond the specified maximum ratings or improper use may result in damage and possible electrical arcing and/or flame.
- PPTC device are intended for occasional overcurrent protection. Application for repeated overcurrent condition and/or prolonged trip are not anticipated.
- Avoid contact of PPTC device with chemical solvent. Prolonged contact will damage the device performance.

