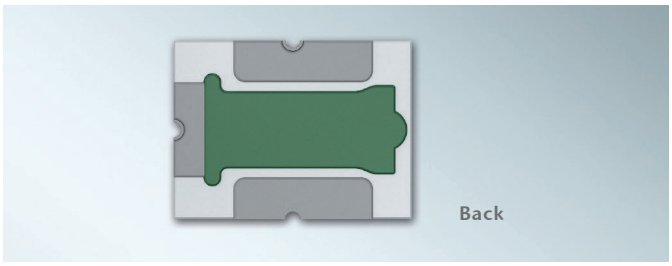
Miniature Battery Fuse D6SC Series (12A / 15A)

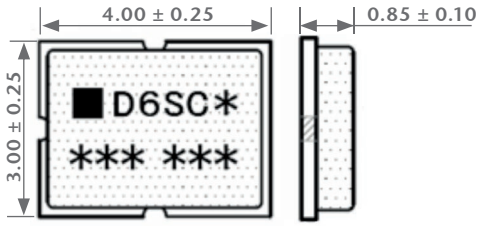
Compact and reliable second protection for battery packs

D6SC series are ultra-thin surface mount devices suitable for products that require space-saving li-ion battery components. The unit operates in the event of overcharging to activate the fuse and cut off the circuit

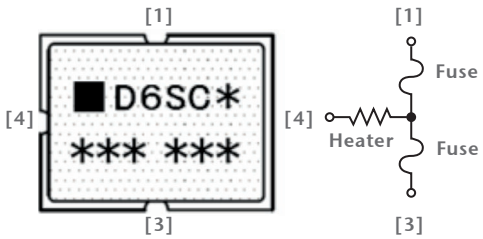
Appearance



Dimensions (Units in mm)



Wiring Diagram



Applications

[D6SCy-12 (12A)]
- Notebook PCs
- Tablets
- Smartphones

[D6SCy-15 (15A)]
- Power tools
- Notebook PCs
- Cordless vacuum cleaners

Features of D6SC Series

- Ultra-thin design
- RoHS compliant
- Antimony-free
- Halogen-free

Specifications

Name	Part Number	Rated Current (A)	Rated Voltage (Vdc)	Breaking Capacity (A)	Fuse Resistance (mΩ)	Applicable Series Cell Number	Applicable Voltage Range (V)	Heater Resistance (Ω)	UL	TÜV
D6SC Series	D6SC1-12	12	36	50	2.0 ± 1.0	1	3.0 ~ 5.0	1.35 ± 25%	E357922	J50247451
	D6SC2-12					2	4.0 ~ 9.0	2.50 ± 20%		
	D6SC3-12					3	7.4 ~ 13.8	8.30 ± 20%		
	D6SC4-12					4	10.5 ~ 19.6	16.70 ± 20%		
	D6SC1-15	15			1.5 ± 1.0	1	3.0 ~ 5.0	1.25 ± 20%		
	D6SC2-15					2	5.0 ~ 9.0	3.20 ± 20%		
	D6SC3-15					3	7.4 ~ 13.8	6.95 ± 20%		
	D6SC4-15					4	10.5 ~ 19.6	13.10 ± 20%		
	D6SC5-15					5	14.4 ~ 23.5	23.50 ± 20%		
	D6SC6-15					6	16.8 ~ 28.0	36.20 ± 20%		

VEGETABLE OIL INK

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