

Consumer Electronics



Overview:

For designers of consumer electronics, SOC offers a number of space saving overcurrent protection options. Compared to PTCs, SOC's fuses offer lower resistance values and better protection from extreme overcurrent conditions. Our product lineup features some of the most compact wire-in-air fuse constructions commercially available.

Fuse requirements are typically of lower voltage DC and 125 VAC or lower. Fuses are safer to utilize the further a circuit voltage is below the rated voltage. For this reason, safety agencies require only that fuse rating be greater than or equal to the circuit voltage. SOC's wire element fuses often exceed the minimum requirements and reach for unsurpassed safety.

Product Offering:



11CF / CT

Primary uses include portable electronics, laptops, battery packs. Rated currents up to 10A available within 1206 package size. The 11CF is quick-acting fuse rated up to 72 VDC. The 11CT is an inrush-withstand wire element variant.



25CF / CT

LCD backlight inverters, AC/DC rectifiers, DC/DC converters. Available with rated currents up to 18A in a 6125 package size.



MCF

Semiconductor protection fuses. Dual rated 125 VAC/ 72 VDC. Current ratings available from 3A down to as low as 50mA. Our most compact wire element fuse.