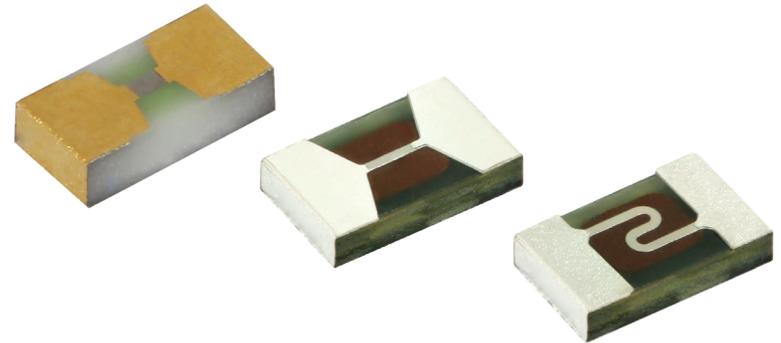




CAPABILITIES AND CUSTOM OPTIONS

EPIC / MEPIC CHIP RESISTORS

Features	Advantages
Surface-mount device	Capable of standard reflow soldering processes like any other SMD
Tape and reel packaging	Easy to mount with same process as other SMDs
Standard 0805 / 0603 sizes	Occupies standard footprints on the PCB
Active area not affected by soldering	Enables reproducible, reliable performance
Customization	Allows active area to be shaped and adapted per customer specifications
Compatible with all explosive materials	Enables deployment in a wide range of applications, from mining to military



CUSTOMIZATION

DEVICE DIFFERENTIATORS

Characteristic	Series
0603 case size	EPIC
Faster, requires less energy for ignition	
0805 case size	MEPIC
Withstands higher energy without ignition	

Electrical	Series
Very low firing energy (down to 50 μ J)	EPIC
Very fast firing time (down to 50 μ s)	
No-fire current (0.3 A to 0.8 A)	
No-fire duration (2 s to 5 s)	
Resistance range: 2 Ω to 10 Ω	MEPIC
Low firing energy (down to 1 mJ)	
Fast firing time (down to 250 μ s)	
No-fire current (0.5 A to 1.2 A)	
No-fire duration (2 s to 10 s)	
Resistance range: 1 Ω to 8 Ω	