

FOR IMMEDIATE RELEASE

Contacts:

Product Communications:

Jason Zhao
Surface-mount PPTC Product Manager
Tyco Electronics
Raychem Circuit Protection Products
jason.zhao@tycoelectronics.com

Media Communications:

Brandy Rowden
Manager, Global Marketing Communications
Tyco Electronics
Raychem Circuit Protection Products
PH: (800) 227-7040
brandy.rowden@tycoelectronics.com

TYCO ELECTRONICS EXPANDS POLYSWITCH™ PORTFOLIO WITH A 0603 DEVICE

Small Form Factor, Fast Time-to-Trip and Low Power Dissipation Make New Surface-Mount Device Suitable for Space-constrained Board Designs

MENLO PARK, CA – Feb. 22, 2010 – [Tyco Electronics](http://www.tycoelectronics.com) offers an industry-standard 0603 device to its popular line of surface-mount PolySwitch™ devices. The femtoSMDC016F device consumes less than half the board space of prior-generation devices and helps protect sensitive electronics from damage caused by overcurrent and overtemperature events. The device's fast time-to-trip and resettable functionality can help manufacturers reduce warranty costs and improve reliability of portable electronics such as:

- Mobile Phones
- MP3 Players
- PDAs
- Digital Cameras
- Portable Computers
- Flash Drives
- USB Thumb Drives
- LCDs
- Computer Peripherals

The PolySwitch femtoSMDC016F device provides a smaller footprint than other surface-mount devices – measuring a mere 1.6mm x 0.8mm x 0.5mm. This offers designers flexibility in space-constrained applications. Rated at 9V, the device provides a hold current of 0.16A, a maximum fault current rating of 40A and a maximum resistance of 4.2 ohms. The femtoSMDC device’s low power dissipation and fast time-to-trip (0.10 second at +25°C and 1A) make it a logical solution for high-density board designs.

“This surface-mount device complements and expands Tyco Electronics’ broad line of PolySwitch overcurrent protection devices,” said Jason Zhao, Surface-mount PPTC Product Manager. “Its small form factor accommodates the continuing miniaturization demands of the electronics industry and helps optimize board space.”

The femtoSMDC016F device is terminated with nickel-tin finish for superior solderability and is compatible with high-volume assembly processes. The EIA-compliant device is halogen-free, RoHS compliant and UL and CSA certified. Production quantities are now available in tape and reel packages.



For further information or technical assistance, call (800) 227-7040, or visit www.circuitprotection.com.

Price:	Available on request
Availability:	All devices are available now.
Delivery:	10 weeks ARO

ABOUT TYCO ELECTRONICS

Tyco Electronics Ltd. is a leading global provider of engineered electronic components, network solutions, specialty products and undersea telecommunication systems, with fiscal 2009 sales of US\$10.3 billion to customers in more than 150 countries. We design, manufacture and market products for customers in a broad array of industries including automotive; data communication systems and consumer electronics; telecommunications; aerospace, defense and marine; medical; energy; and lighting. With approximately 7,000 engineers and worldwide manufacturing, sales and customer service capabilities, Tyco Electronics' commitment is our customers' advantage. More information on Tyco Electronics can be found at <http://www.tycoelectronics.com/>.

PolySwitch, Raychem, TE (logo) and Tyco Electronics are trademarks of the Tyco Electronics group of companies and its licensors.

#