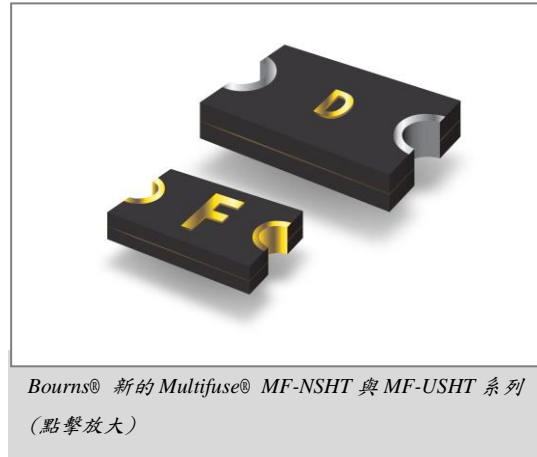


Bourns 的 Multifuse 產品系列新增生力軍一

高溫 PPTC 可復位保險絲

新型通過 AEC-Q200 認證的解決方案，為汽車、工業、通信和消費型電子提供可靠微型的過電流封裝

[台北訊，2017 年 8 月 4 日]— Bourns，全球知名電子元件領導製造供應商，今日宣布其屢獲嘉評的 Multifuse® 產品新增一名生力軍—通過 AEC-Q200 認證的高溫高分子聚合物正溫度係數（簡稱 PPTC）自恢復保險絲。採用 1206 和 1210（3014 和 3024 公制）表面貼片封裝，工作溫度高達 125 °C，Bourns 所設計的微型化 MF-NSHT 與 MF-USHT 系列是汽車系統的電路保護首選；優異的自恢復過電流防護特性也適用於高溫作業環境的新一代高密度工業電路板、電信及消費電子產品。



最新的高溫 Multifuse® 產品採用 Bourns 的 freeXpansion™ 製程；此製程可大大縮小封裝的體積、提高維持電流 (I_{hold})、穩定阻值，同時拉高額定電壓 (V_{max})。在高溫下，MF-NSHT 與 MF-USHT 系列的 I_{hold} 可高達 0.50 Amps， R_1 可壓低至 1.6 Ohms。

「許多汽車系統，尤其是引擎蓋下的應用，必須在溫度非常高的環境中作業，因而需要使用能夠承受嚴苛環境條件的電子零組件。Bourns 在高溫表面貼片封裝自恢復保險絲的製造上，已累積豐富的經驗，有助確保作業穩定，亦可讓設計符合 AEC-Q200 Rev-C 測試的要求。」Bourns 的 Multifuse 產品線經理 Lee Bourns 如此說道：「除了 Bourns 廣受好評的高溫 MF-PSHT、MF-SMHT 與 MF-RHT 產品外，我們最新的 MF-NSHT 與 MF-USHT 系列，也進一步為汽車及電子零組件的設計人員提供更多新的過電流保護選擇。」

Bourns 的 Multifuse® MF-NSHT 與 MF-USHT 系列是由通過 TS16949 認證的廠房製造，符合 RoHS*與 UL 的安全認證，且已上市銷售。

*RoHS 指令 2002/95/EC 2003 年 1 月 27 日，包含附錄及 RoHS Recast 2011/65/EU 2011 年 6 月 8 日。

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關於 Bourns

Bourns- 是電子零組件業界的龍頭製造供應商，公司總部位於美國加州的河邊市，其產品包含:傳感器、電路保護解決方案、磁性零組件、微電子模組、面板控制器及電阻產品，服務產業涵蓋汽車、工業、消費、通信、非關鍵性的生命支持醫療、音頻以及其他各種市場。如需了解更多的公司與產品訊息，歡迎上公司網站查詢: www.bourns.com.

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FOR IMMEDIATE RELEASE

1. Bourns Adds New High-Temperature PPTC Resettable Fuses to its Multifuse Line

2. *New AEC-Q200 Certified Solutions Provide Reliable, Miniature Package Overcurrent and Thermal Protection for Automotive, Industrial, Telecom and Consumer Electronics*

RIVERSIDE, Calif., July 19, 2017 - Bourns, Inc., a leading manufacturer and supplier of [electronic components](#), today announced it has added new AEC-Q200 certified high-temperature Polymer Positive Temperature Coefficient (PPTC) resettable fuses to its successful line of Multifuse® products. Offered in 1206 and 1210 (3014 and 3024



metric) surface mount packages and featuring operating temperatures up to 125°C, Bourns designed the miniature sized MF-NSHT and MF-USHT series as ideal circuit protection solutions for automotive systems, and to provide superior resettable fault protection for a new generation of high density boards in industrial, telecom and consumer electronics that also must operate in elevated operating temperatures.

The latest high-temperature Multifuse models are based on Bourns' freeXpansion™ technology, which is a space-saving manufacturing process that enables smaller surface mount package sizes and increased fuse performance with higher hold currents (I_{hold}), improved resistance stability and higher voltages (V_{max}). The MF-NSHT and MF-USHT series provide higher hold currents at elevated temperatures with I_{hold} up to 0.50 Amps and post trip resistance as low as 1.6 Ohms.

“Many automotive systems, particularly in under-the-hood applications, must operate in extremely high ambient temperatures requiring electronic components to be able to withstand these harsh environment conditions. Bourns’ established experience in manufacturing high-temperature rated surface mount PPTC resettable fuses helps ensure reliable operation while also enabling designs to meet AEC-Q200 Rev-C stress test qualifications,” said Lee Bourns, Multifuse Product Line Manager at Bourns, Inc. “Our latest MF-NSHT and MF-USHT series give automotive and electronics designers new overcurrent protection options in addition to Bourns’ already popular high-temperature MF-PSHT, MF-SMHT, and MF-RHT products.”

Manufactured in a Bourns TS16949-approved facility, the Multifuse® Model MF-NSHT and MF-USHT series is available now, is RoHS compliant* and UL recognized for safety requirements.

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About Bourns

Bourns, Inc. is a leading manufacturer and supplier of position and speed sensors, circuit protection solutions, magnetic components, microelectronic modules, panel controls and resistive products. Headquartered in Riverside, California, USA, Bourns serves a broad range of markets, including automotive, industrial, consumer, communications, non-critical life support medical, audio and various other market segments. Additional company and product information is available at www.bourns.com.

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*RoHS Directive 2002/95/EC Jan. 27, 2003 including annex and RoHS Recast 2011/65/EU June 8, 2011.

