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### What is "[Embedded - Microcontrollers](#)"?

"[Embedded - Microcontrollers](#)" refer to small, integrated circuits designed to perform specific tasks within larger systems. These microcontrollers are essentially compact computers on a single chip, containing a processor core, memory, and programmable input/output peripherals. They are called "embedded" because they are embedded within electronic devices to control various functions, rather than serving as standalone computers. Microcontrollers are crucial in modern electronics, providing the intelligence and control needed for a wide range of applications.

### Applications of "[Embedded - Microcontrollers](#)"

#### Details

Product Status	Active
Core Processor	PIC
Core Size	8-Bit
Speed	20MHz
Connectivity	I <sup>2</sup> C, SPI, UART/USART
Peripherals	Brown-out Detect/Reset, POR, PWM, WDT
Number of I/O	25
Program Memory Size	14KB (8K x 14)
Program Memory Type	FLASH
EEPROM Size	-
RAM Size	368 x 8
Voltage - Supply (Vcc/Vdd)	4V ~ 5.5V
Data Converters	A/D 11x10b
Oscillator Type	Internal
Operating Temperature	-40°C ~ 85°C (TA)
Mounting Type	Through Hole
Package / Case	28-DIP (0.300", 7.62mm)
Supplier Device Package	28-SPDIP
Purchase URL	<a href="https://www.e-xfl.com/product-detail/microchip-technology/pic16f767-i-sp">https://www.e-xfl.com/product-detail/microchip-technology/pic16f767-i-sp</a>

# CRIMPFOX LC-INC 6

Order No.: 1203660

<http://eshop.phoenixcontact.de/phoenix/treeViewClick.do?UID=1203660>Crimp insert for insulated cable lugs and connectors, with locator, 0.5 - 6.0 mm<sup>2</sup>**Commercial data**

EAN	4017918018399
Pack	1 Pcs.
Customs tariff	82032090
Weight/Piece	0.0454 KG
Catalog page information	Page 538 (CL-2007)

**Product notes**WEEE/RoHS-compliant since:  
01/01/2003

<http://www.download.phoenixcontact.com>  
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**Technical data****General**

Color	black
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Approval logo



**requested approbations**

Certification	GOST
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