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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	ARM920T
Core Size	16/32-Bit
Speed	180MHz
Connectivity	EBI/EMI, Ethernet, I <sup>2</sup> C, Memory Card, SPI, SSC, UART/USART, USB
Peripherals	POR
Number of I/O	122
Program Memory Size	128KB (128K x 8)
Program Memory Type	ROM
EEPROM Size	-
RAM Size	48K x 8
Voltage - Supply (Vcc/Vdd)	1.65V ~ 1.95V
Data Converters	-
Oscillator Type	Internal
Operating Temperature	-40°C ~ 85°C (TA)
Mounting Type	Surface Mount
Package / Case	208-BFQFP
Supplier Device Package	208-PQFP (28x28)
Purchase URL	<a href="https://www.e-xfl.com/product-detail/microchip-technology/at91rm9200-qu-002">https://www.e-xfl.com/product-detail/microchip-technology/at91rm9200-qu-002</a>

IN AMERICAN PROJECTION

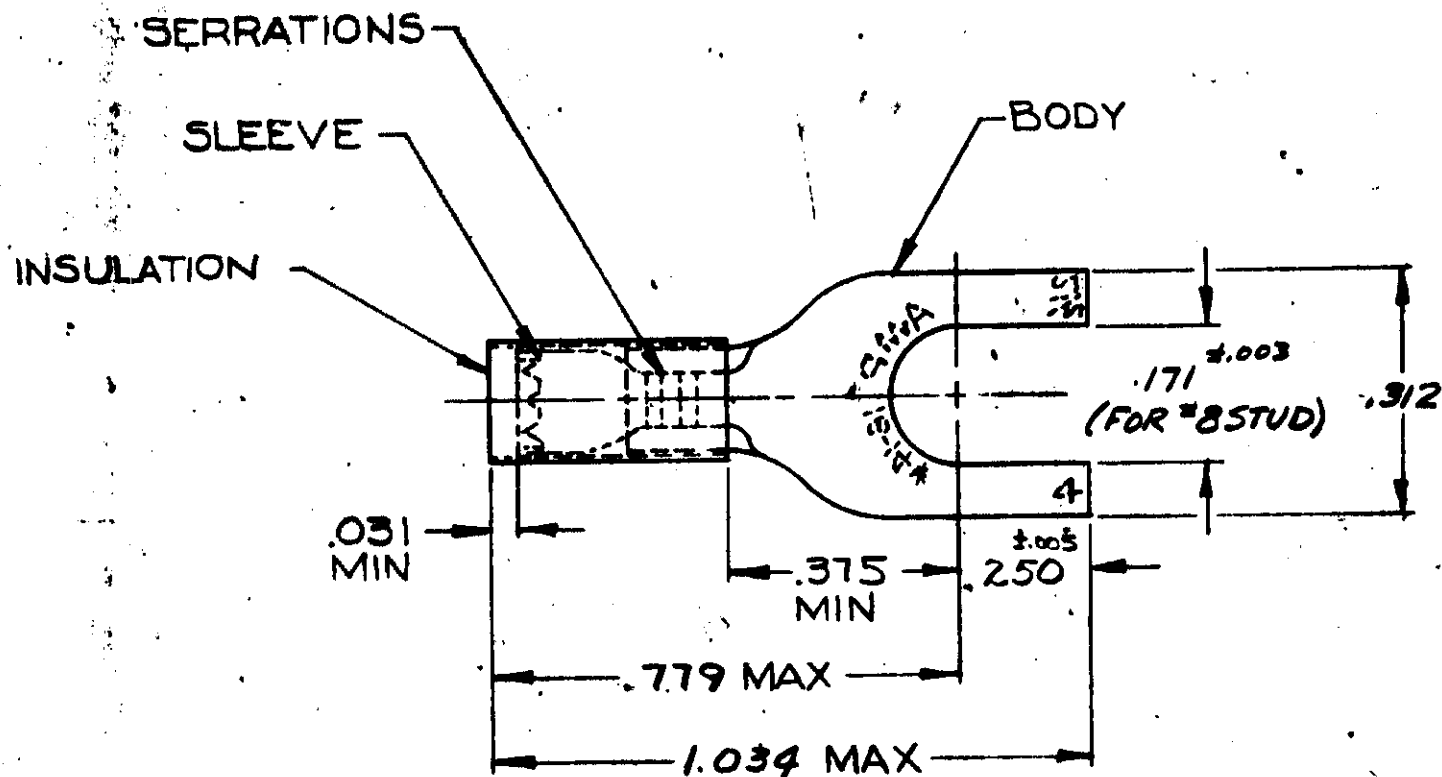
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# REVISIONS

LTR	DESCRIPTION	DATE	APPROVED
B	REDRAWN, REVISED P-6079	June 3-16-70	FCY
C	REV PER 6-4732	JT 7/26/88	FLY



TONGUE MATERIAL THK = .031 ±.002  
FOR .115 TO .170 WIRE INSULATION DIA

1	WIRE TERMINAL	325199	BODY: COPPER (QQ-C-576) TIN PL (MIL-T-10727) SLEEVE: COPPER (QQ-C-576) INSULATION: NYLON COLOR: BLUE
QTY	DESCRIPTION	PART NO	MATERIAL & FINISH
UNLESS OTHERWISE SPECIFIED DIMENSIONS ARE IN INCHES TOLERANCES ON: DECIMALS ±.008 ANGLES ± 5°		CONTRACT NO. —	 <p>AMP INCORPORATED HARRISBURG, PENNSYLVANIA</p>
MATERIAL		DR. <i>Yue</i> 3-13-70 CHK <i>PC Yang</i> 3-16-70 APPD <i>L. W. Abel</i> 3-16-70 REL <i>Yue</i> 3-17-70 DSGN APPD OTHER APPD	
SEE TABLE		NAME	WIRE TERMINAL P.I.D.G. - SPADE WIRE SIZE: 16-14
		SIZE	CODE IDENT NO.
		A	00779
		NUMBER	325199
		SCALE	NTS
		SHEET	1 OF 1