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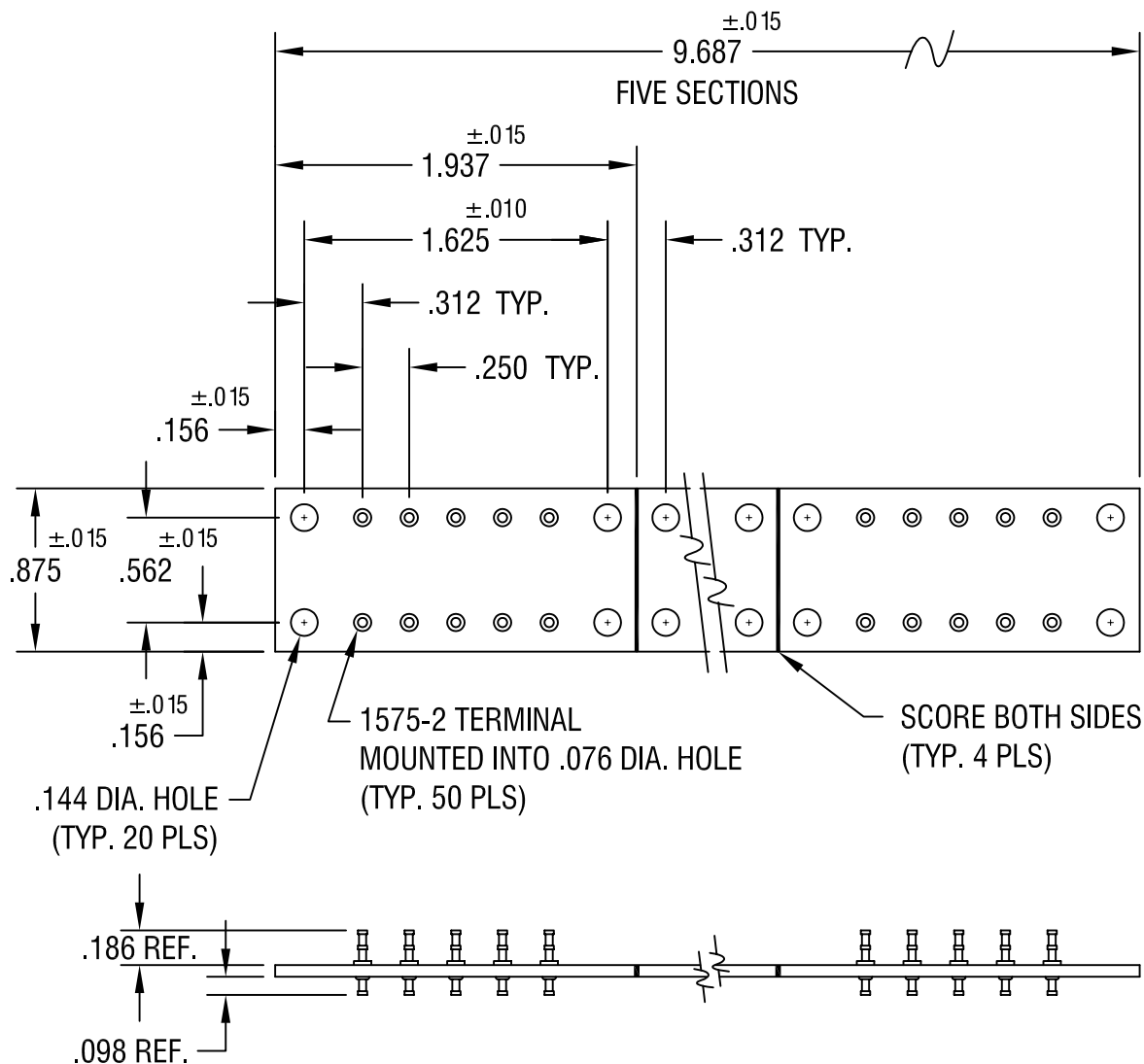
### What is "[Embedded - Microcontrollers](#)"?

"[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	32MHz
Connectivity	I <sup>2</sup> C, LINbus, SPI, UART/USART
Peripherals	Brown-out Detect/Reset, POR, PWM, WDT
Number of I/O	12
Program Memory Size	14KB (8K x 14)
Program Memory Type	FLASH
EEPROM Size	-
RAM Size	1K x 8
Voltage - Supply (Vcc/Vdd)	1.8V ~ 3.6V
Data Converters	A/D 8x10b; D/A 1x8b
Oscillator Type	Internal
Operating Temperature	-40°C ~ 125°C (TA)
Mounting Type	Surface Mount
Package / Case	14-TSSOP (0.173", 4.40mm Width)
Supplier Device Package	14-TSSOP
Purchase URL	<a href="https://www.e-xfl.com/product-detail/microchip-technology/pic16lf1705-e-st">https://www.e-xfl.com/product-detail/microchip-technology/pic16lf1705-e-st</a>



# KEYSTONE ELECTRONICS CORP.

ASTORIA, N.Y. 11105-2017

PART NAME

MINIATURE TURRET TERMINAL BOARD

MATERIAL

.062 TH'K PHENOLIC

FINISH

AS NOTED

DRN BY

BOONE

DATE

1.6.82

APP'D

LN

SCALE

1X

TOLERANCES

INCH [MM]

DECIMAL

± .005 [± ]

ANGULAR

± 1°

UNLESS OTHERWISE SPECIFIED

CODE

C/M

DWG NO.

15078

5.5.05

REVISED

A

DATE

DESCRIPTION

REV.