

SERIES KL MINIKEY™

LOW PROFILE KEYBOARDS...

... WITH STROKE AND TACTILE FEEL

TACTILE CHARACTERISTICS AND LOW PROFILE

Prior to the advent of the MINIKEY, real tactile response was available only in full size, full-throw keyboards. Other miniature type keyboards could offer only minimal key travel with artificially induced or simulated tactile feel (kinesthetic "feed-back"). A solution to this human factors dilemma has been achieved in the design of the MINIKEY Keyboards. This excellent tactile feedback characteristic is the result of a designed-in "over-center" mechanism which ensures fast, positive contact closure and lets the operator know that a closure has been made.

Series KL MINIKEY Low Profile Keyboards have been designed to afford tactile feel within a very confined area. The top of any key extends only .070" (1.78 mm) from the face of the keyboard frame. Key travel is approximately .050" (1.27 mm) including 30% key overtravel. Total keyboard depth including keys and keyboard frame is less than .312" (7.92 mm).

APPLICATIONS

Series KL MINIKEY Keyboards are ideal for use in any digital entry application requiring the compactness of a miniature keyboard with both a satisfying tactile feel and a space saving low profile. MINIKEY Keyboard keys operate with uniformity throughout their operating life imparting a quiet positive tactile feel.

RELIABILITY

Hundreds of thousands of MINIKEY Keyboards have been used by the miniature calculator industry. This environment has been the most rigorous testing ground ever encountered by low profile keyboards. The known failure rate for MINIKEY Keyboards in this application has been negligible. Extensive laboratory testing is also strong evidence of the MINIKEY's superior design. The proven reliability experienced in actual field usage is the strongest testimonial of all in support of the real reliability of Series KL MINIKEY KEYBOARDS.

THE **DIGITRAN**® COMPANY

A Division of Becton, Dickenson and Company **B-D**

KEY ARRAYS

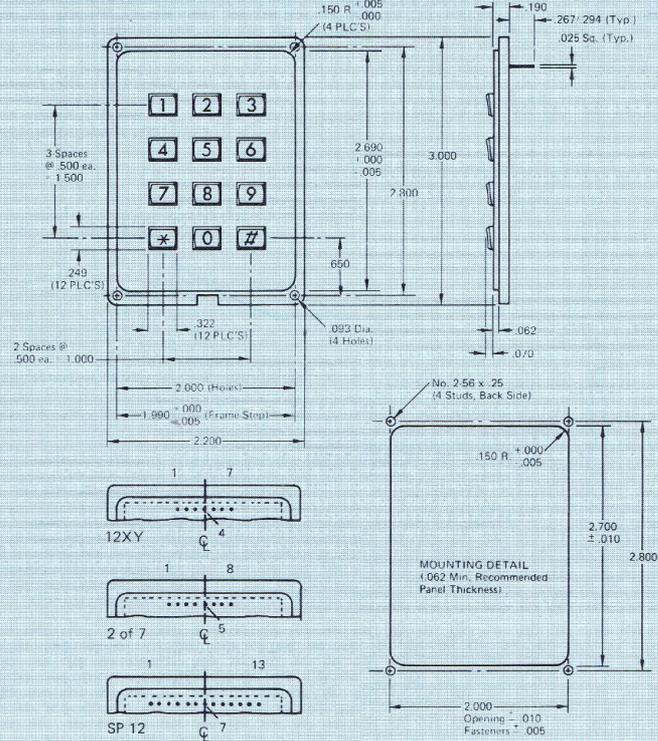
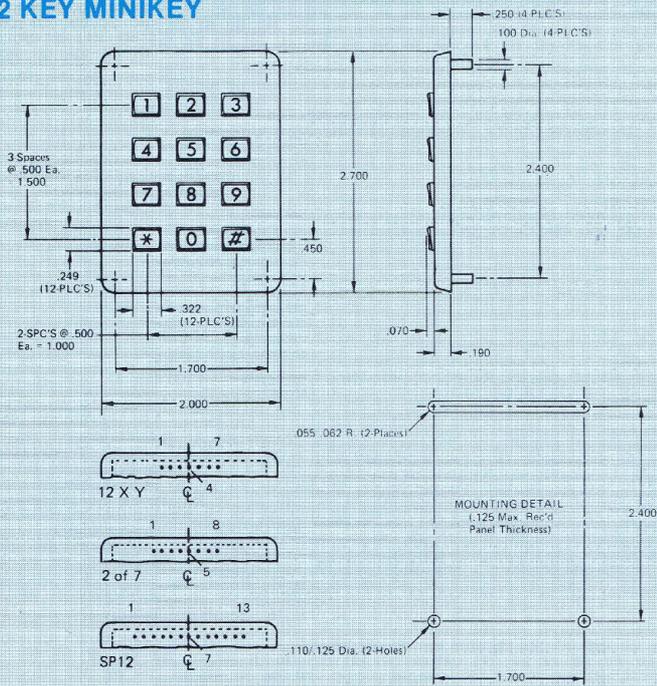
MINIKEY Keyboards are available in either 12 key (4 rows of 3) or 16 key (4 rows of 4) arrangements. See page 4 for standard key arrangements and part numbers.

KEY AND FRAME CONFIGURATION

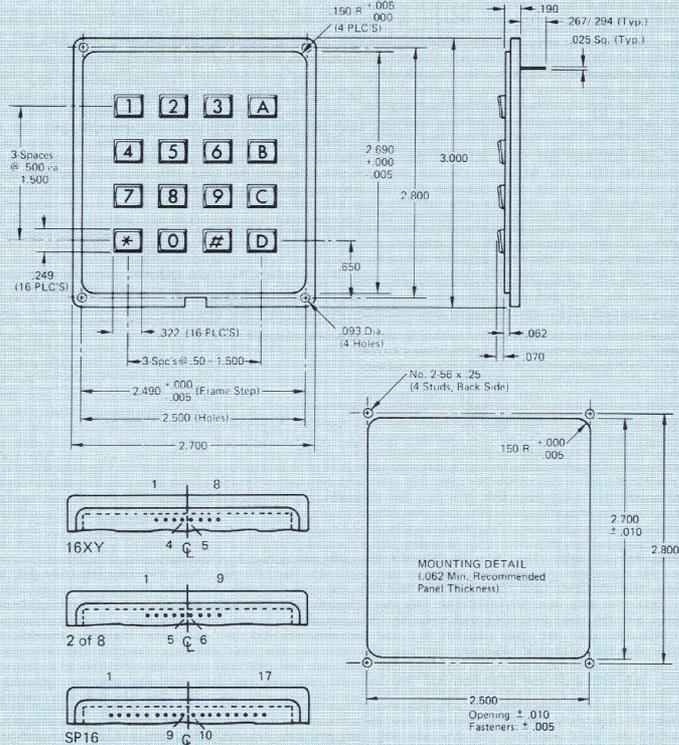
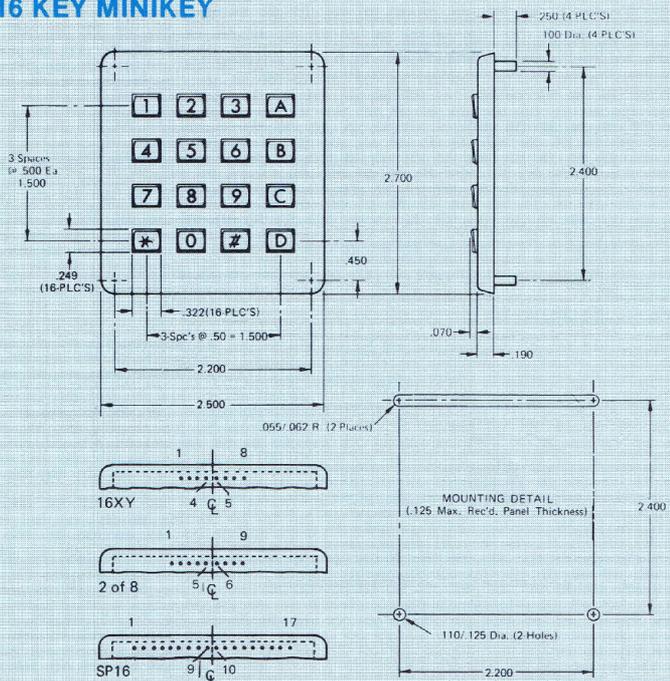
MINIKEY Key tops are contoured to enhance tactile awareness and ensure operator comfort and ease in locating each key by "feel." Keys are two-color molded with black characters on white backgrounds. Keyboard frames are black, textured, non-glare finished to accentuate the appearance of the keys. Special key legends and colors are available by special order. Contact your local Digitran Sales Representative or Digitran for information.

OUTLINE DRAWINGS

12 KEY MINIKEY



16 KEY MINIKEY



Series KL MINIKEY Keyboards are covered under U.S. Patent 3,800,104. Other Patents pending.

ENVIRONMENTAL PROTECTION

Standard MINIKEY Keyboards are provided with a flexible barrier located under the keys to protect the contact area against contamination in normal operating environments. A flexible silastic boot is also available for rear-of-the-panel mounted units to protect against the entrance of moisture and contaminants when used in hostile environments. See Price List for part numbers and prices.

MOUNTING CONFIGURATIONS

MINIKEYS are available for either rear-of-the-panel or front-of-the-panel mounting. Front mounted units are provided with four plastic posts to be used for four hole mounting. Rear mounted units use a 4 hole mounting pattern.