



**LICON**

DIVISION ILLINOIS TOOL WORKS INC.

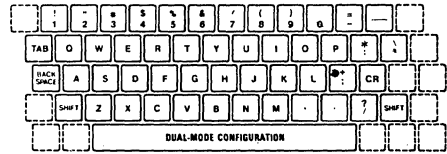
6615 WEST IRVING PARK ROAD • CHICAGO, ILLINOIS 60634

Phone (312) 282-4040 • TWX: 910-221-0275

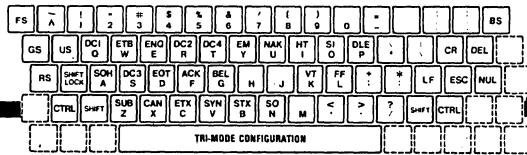
**SERIES 550**

**Electronic Keyboard**

**COMPLETELY  
SOLID STATE**



**Model 550 ASCII Keyboard Arrays**



**SERIES 550 FEATURING:**

- Magnetic Core Switching
- ASCII, EBCDIC, BCD or Special Encoding
- Simple Construction
- Unlimited Configurations—  
Design your own Keyboard layout
- Compatibility with 5 volt IC Logic
- Negative or Positive Logic Output
- Minimum Power Consumption (3.5 watts)
- Keys Bottom on Housing — Not P.C. Card

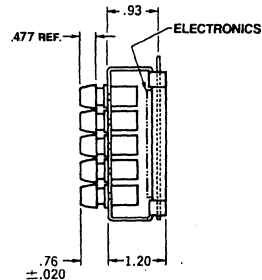
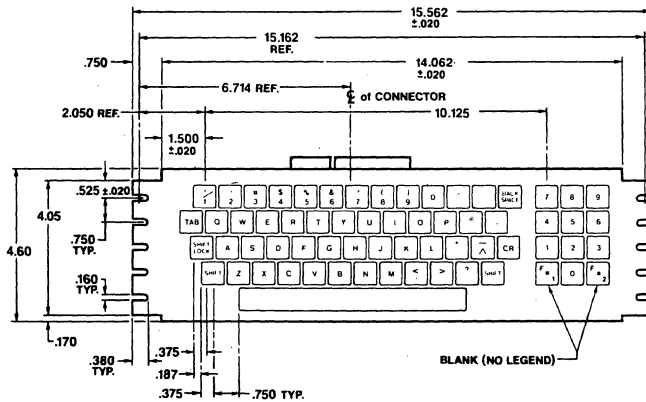
**SERIES 550 ELIMINATES:**

- Mechanical Linkage
- Delicate Chips
- Contact Bounce

**SERIES 550 OPTIONS:**

- Strobe Output
- Odd or Even Parity
- Multi-Key Interlock
- Two Key Rollover
- Shift
- Repeat Function
- Shift Lock
- Cabinet
- Control Function Keys
- N Key Rollover

**SERIES 550 Specifications**



**INPUT POWER**

+ 5 VDC, ±5% regulation  
700 milliamps maximum

**OUTPUT LEVELS**

Logic "0": + 2.4 VDC nominal  
@ 1.5 ma drive

Logic "1": + 0.4 VDC maximum  
@ 16 ma minimum  
sinking current

**WEIGHT**

Without cabinet: 3.7 lbs. (approx.)  
With cabinet: 11.5 lbs. (approx.)

**AMBIENT TEMPERATURE**

Operating: 0°C to +75°C  
Non-operating: -55°C to +85°C

**MODES OF OPERATION\***

Mono-mode: no shift  
Dual-mode: unshifted, shifted  
Tri-mode: unshifted, shifted, control

**CONNECTOR INTERFACE**

Edge card accepts standard Cinch Jones connector or equivalent.

**KEYSET CONFIGURATION**

Keys mounted on 3/4 inch centers with standard 3/8 - 3/16 - 3/8 inch typewriter offset between rows.

Patents Pending