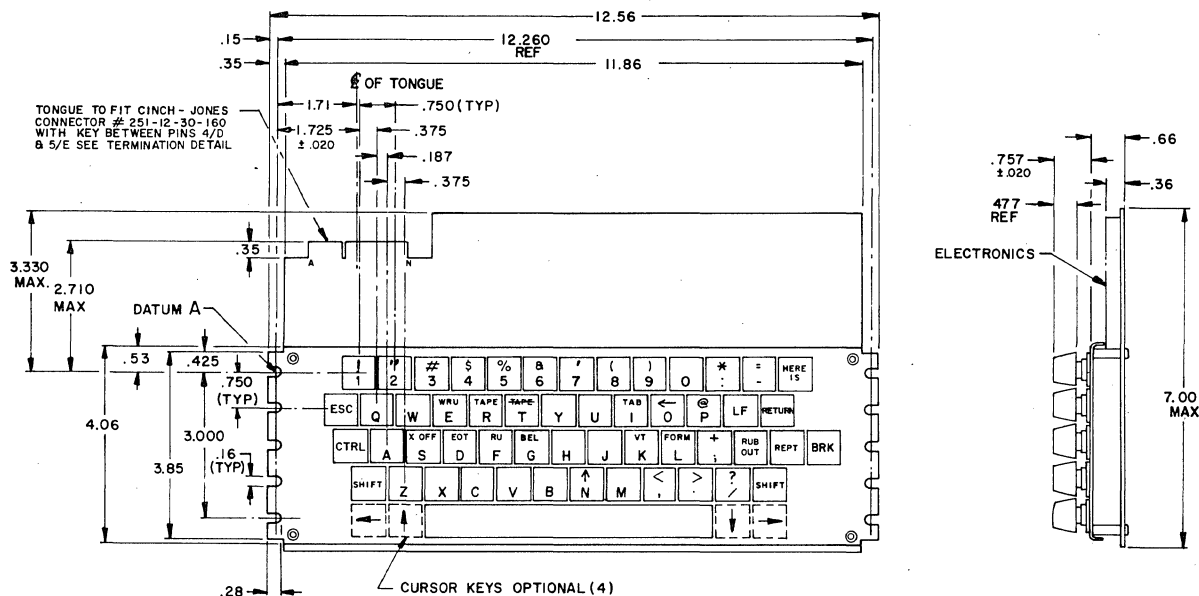
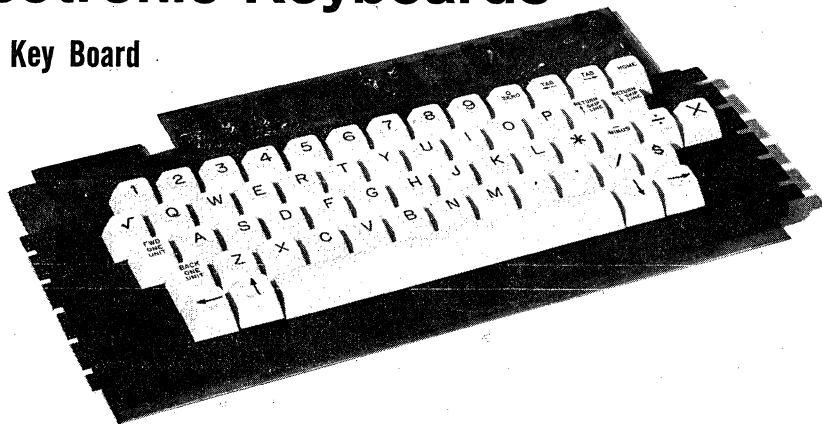


iW LICON Solid State Electronic Keyboards

NEW FROM LICON ASR-33 Solid State Key Board

Featuring:

- Licon "Super Switch" Ferrite Core Keystations
- Field Selectable N-Key Rollover or 2 Key Rollover
- Working Life In Excess of 100,000,000 Operations/Keystation
- Rigid Chassis Mounting
- Simple Construction
- Low Profile
- Operator "Spill Proof" Design
- MOS Encoding and Interlock Generation



ASR 33 Available With 53 Keys Standard; 57 Optional

SPECIFICATIONS

| ITEM | DESCRIPTION |
|-----------------------------|--|
| ENCODING | USASCII |
| OPERATING MODES | 4 |
| INPUT POWER | +5VDC ±5% @ 500 MA MAX. -12VDC ±10% @ 50 MA MAX. |
| ENCODED KEY OUTPUT LOGIC | Parallel — 8 Bits, Positive Logic, Latched and Strobed |
| LOGIC LEVELS | Logic "O": +2.5VDC MAX. @ -1.5 MA DRIVE Logic "1": +0.4VDC MAX. @ 16 MA SINK |
| PARITY | ODD |
| SINGLE LINES (UNENCODED) | 3 Standard, 7 Optional (UNSTROBED) |
| SINGLE LINE CHARACTERISTICS | Logic "1" in OFF STATE; Logic "0" in "ON" (ACTUATED) STATE: BOUNCELESS |
| INTERLOCK | 2 KEY ROLLOVER OR N-KEY ROLLOVER, FIELD SELECTABLE |
| STROBE CHARACTERISTICS | N-KEY ROLLOVER: POS. PULSE OF 5μSEC NOM. WIDTH 2-KEY ROLLOVER: NEG. D.C. LEVEL CHANGE |
| TERMINATION | 12 Position, 24 Pin, .156 Centers (.062 P.C. BOARD) |

IF YOUR REQUIREMENTS ARE FOR "CUSTOM KEYBOARD" CONSTRUCTION,
LICON'S KEYBOARD EXPERTS ARE AT YOUR SERVICE

LICON/DIVISION ILLINOIS TOOL WORKS, INC. 6615 WEST IRVING PARK ROAD / CHICAGO, ILLINOIS 60634 / (312) 282-4040 / TWX 910-221-0275

FOR CURRENT SOURCE DATA CALL TOLL-FREE 800-645-9200 (IN N.Y. STATE CALL COLLECT (516) 294-0990)