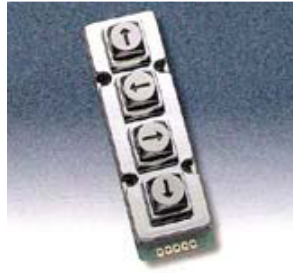
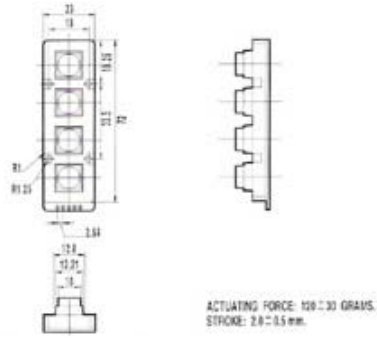




AK-104-B-SSS-WP-MM



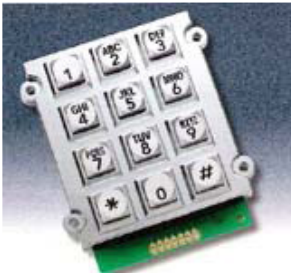
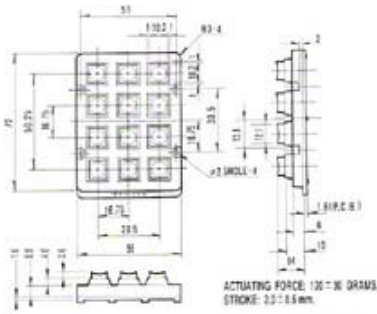
AK-104-AR-SSB-WP-MM



AK-207-A-SSB-WP-MM



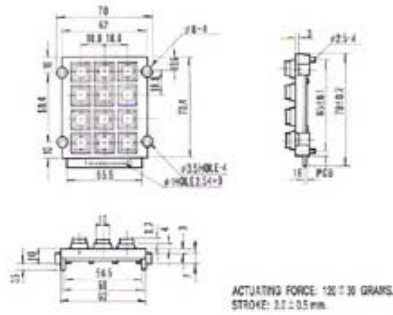
AK-207-N-SSB-WP-MM



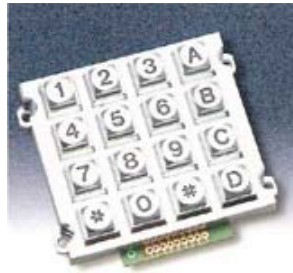
AK-707-A-SSB-WP-MM



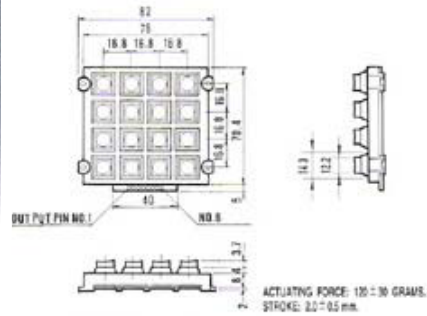
AK-707-N-SSB-WP-MM



AK-1607-A-SSB-WP-MM

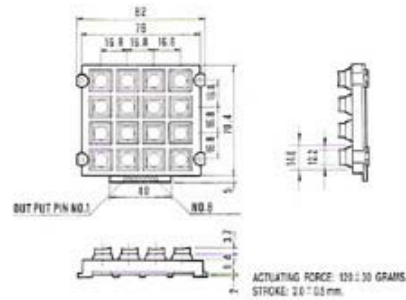


AK-1607-N-SSB-WP-MM



AK-1607-N-BBY-WP-MM

- MEET MILITARY SPECIFICATIONS
- LOW COST
- CUSTOM DESIGN WELCOME
- SEALED AND SUBMERSIBLE
- WORLDWIDE PATENT OF WATERPROOF



Technical Information

[Telephone Keypads](#)
[Metal Keypads](#)
[Waterproof Keypads](#)
[Back Lit Metal Keypads](#)

General Specifications

Contact rating: 20mA, 24VDC
 Contact resistance: 200 ohm max
 Life: 1,000,000 cycles per key
 Operating Temperature: -20°C ot +60°C
 Storage Temperature: -40°C ot +65°C

Keypad Part Number Information

AK- X X X X - X - X X X - X X - X X
 (a) (b) (c)(d)(e) (f) (g)

(a) **Model Number** 101,102,103,104,2087,304,304-FM, 507,707, 804, 1604, 1607

(b) **Type** A (ALPHA-NUMERIC LEGEND)
 N (NUMERIC LEGEND)
 B (BLANK)
 AR (ARROW)

(c) **Bezel Color** W: WHITE COLOR
 B: BLACK
 G: GRAY COLOR
 I: IVORY COLOR
 S: SILVER COLOR FOR METAL BEZEL

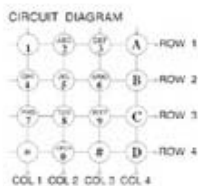
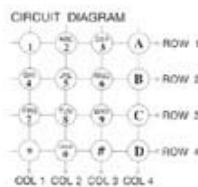
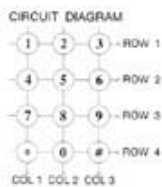
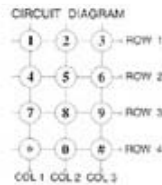
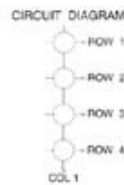
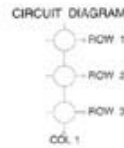
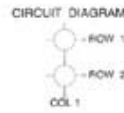
(d) **Keypad Color** W: WHITE COLOR
 B: BLACK
 G: GRAY COLOR
 I: IVORY COLOR
 S: SILVER COLOR FOR METAL KEYPAD

(e) **Color** W: WHITE COLOR
 B: BLACK
 G: GRAY COLOR
 Y: YELLOW COLOR
 L: LED LIGHTING (BACKLIGHTING)

(f) **Water Proof** WP

(g) **Metal Bezel, Metal Keypad** MM

Standard Matrix Circuit Diagram



AK-101

| OUTPUT ARRANGEMENT | |
|--------------------|--------|
| OUTPUT P/N NO. | SYMBOL |
| 1 | COL 1 |
| 2 | ROW 1 |

AK-102

| OUTPUT ARRANGEMENT | |
|--------------------|--------|
| OUTPUT P/N NO. | SYMBOL |
| 1 | ROW 1 |
| 2 | ROW 2 |
| 3 | COL 1 |

AK-103

| OUTPUT ARRANGEMENT | |
|--------------------|--------|
| OUTPUT P/N NO. | SYMBOL |
| 1 | ROW 1 |
| 2 | ROW 2 |
| 3 | ROW 3 |
| 4 | COL 1 |

AK-104

| OUTPUT ARRANGEMENT | |
|--------------------|--------|
| OUTPUT P/N NO. | SYMBOL |
| 1 | ROW 1 |
| 2 | ROW 2 |
| 3 | ROW 3 |
| 4 | ROW 4 |
| 1 | COL 1 |

AK-207, 304, 507, 707, 804

| OUTPUT ARRANGEMENT | |
|--------------------|--------|
| OUTPUT P/N NO. | SYMBOL |
| 1 | COL 2 |
| 2 | ROW 1 |
| 3 | COL 1 |
| 4 | ROW 4 |
| 5 | COL 3 |
| 6 | ROW 3 |
| 7 | ROW 2 |

AK-304-FM

| OUTPUT ARRANGEMENT | |
|--------------------|--------|
| OUTPUT P/N NO. | SYMBOL |
| 1 | ROW 1 |
| 2 | ROW 2 |
| 3 | ROW 3 |
| 4 | ROW 4 |
| 5 | COL 1 |
| 6 | COL 2 |
| 7 | COL 3 |

AK-1604

| OUTPUT ARRANGEMENT | |
|--------------------|--------|
| OUTPUT P/N NO. | SYMBOL |
| 1 | COL 1 |
| 2 | COL 2 |
| 3 | COL 3 |
| 4 | COL 4 |
| 5 | ROW 1 |
| 6 | ROW 2 |
| 7 | ROW 3 |
| 8 | ROW 4 |

AK-1607

| OUTPUT ARRANGEMENT | |
|--------------------|--------|
| OUTPUT P/N NO. | SYMBOL |
| 1 | ROW 2 |
| 2 | ROW 3 |
| 3 | COL 1 |
| 4 | ROW 4 |
| 5 | COL 2 |
| 6 | COL 3 |
| 7 | COL 4 |
| 8 | ROW 1 |