

# STANDARD KEYBOARD

# SUPER LOW PROFILE NOTEBOOK KEYBOARD (83/84/87-Keys)

## FKB7401 SERIES



### ■ FEATURES

- 8.5 mm (0.335 in.) total height, 3.0 mm (0.118 in.) stroke, 19mm (0.748 in.) pitch
- Suitable design for A4 size: 288 mm (11.338 in.)(W) × 113 mm (4.448 in.) (D) × 8.5 mm (0.334 in.) (H)
- Supports Windows®95 keyboard function
- Excellent operation
  - Unique “Gear link” method offers comfortable key touch feeling
  - 3.0 mm (0.118 in.) keystroke, 55 g (1.936 oz.) operating force, 20 g (0.704 oz.) tactile response
  - Soft tactile feedback
- Various language versions (83-keys: USA, 84-keys: Europe, 87-keys: Japanese)
- High quality and reliability
- Laser printed keycaps meet environmental requirements
- Evaluation kit available
- RoHS compliant since October 2005 production (serial number 'UX00001" and thereafter)  
First 2 digits of serial number consists of manufacturing year and month:  
1st Digit: Manufacturing Year:  
P=2000 / Q=2001 / R=2002 / S=2003 / T=2004 / U=2005 / V=2006 / W=2007 / X=2008 / Y=2009 / Z=2010  
2nd Digit: Manufacturing Month:  
1=January / 2=February / 3=March / 4=April / 5=May / 6=June / 7=July / 8=August / 9=September / X=October  
Y=November / Z=December

### ■ MAIN APPLICATIONS

- Notebook type personal computer
- Workstation

### ■ CONSTRUCTION

- Keyboard unit (without enclosure and microcontroller)

Note: Microcontroller is available as an option.

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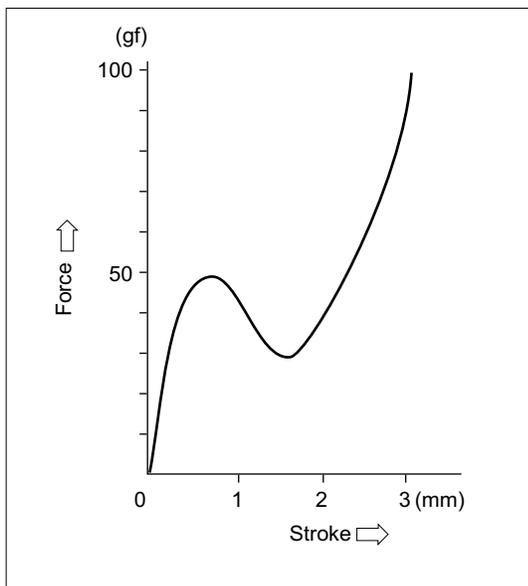
## ■ SPECIFICATIONS

| Item        |                       | Specification   |                 |             |
|-------------|-----------------------|---|-----------------|-------------|
|             |                       | FKB7401-001   | FKB7401-002~007 | FKB7401-051 |
| Mechanical  | Number of Keys        | 83 keys   | 84 keys         | 87 keys     |
|             | Key Switch Type       | Membrane switch   |                 |             |
|             | Keytop Style          | Rectangular cylindrical   |                 |             |
|             | Operating Force       | 50 gf $\pm$ 25 gf (1.760 $\pm$ 0.88 oz.)                                  |                 |             |
|             | Stroke                | 3.0 mm $\pm$ 0.5 mm (0.118 in. $\pm$ 0.019 in.)                           |                 |             |
|             | Tactile               | 20 gf typ. (0.704oz.), Soft type  |                 |             |
|             | Height                | 8.5 mm (0.334 in.)  |                 |             |
|             | Operating Life        | 10 M operations min.  |                 |             |
| Electrical  | Interface             | Row and column matrix   |                 |             |
|             | Contact Resistance    | 1 K ohm max. at 5 V DC  |                 |             |
|             | Key Switch Bounce     | 10 ms max.  |                 |             |
| Environment | Operating Temperature | 0 to 50°C   |                 |             |
|             | Storage Temperature   | -20 to 60°C   |                 |             |
|             | Humidity              | 90% RH max. at +40°C max. inversely proportional change to 50% RH at 60°C |                 |             |

## ■ PART NUMBERS

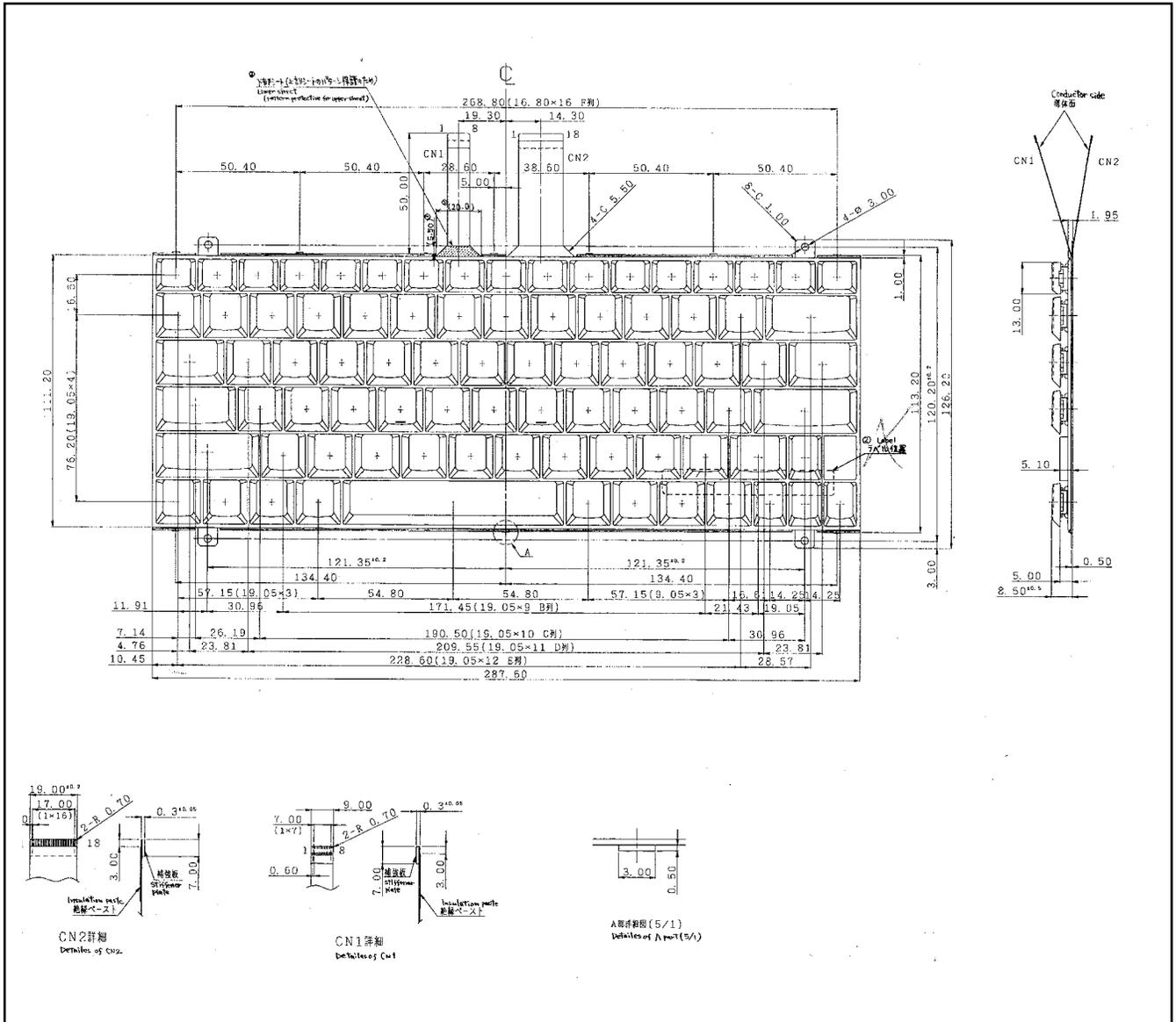
| Parts Number | Number of Keys | Key Arrangement |
|--------------|----------------|-----------------|
| FKB7401-001  | 83             | U.S.            |
| FKB7401-002  | 84             | U.K.            |
| FKB7401-003  |                | German          |
| FKB7401-004  |                | French          |
| FKB7401-005  |                | Italian         |
| FKB7401-006  |                | Spanish         |
| FKB7401-007  |                | Swedish         |
| FKB7401-008  |                | Swiss           |

## ■ OPERATING FORCE AND TRAVEL CHARACTERISTICS



# FKB7401 SERIES

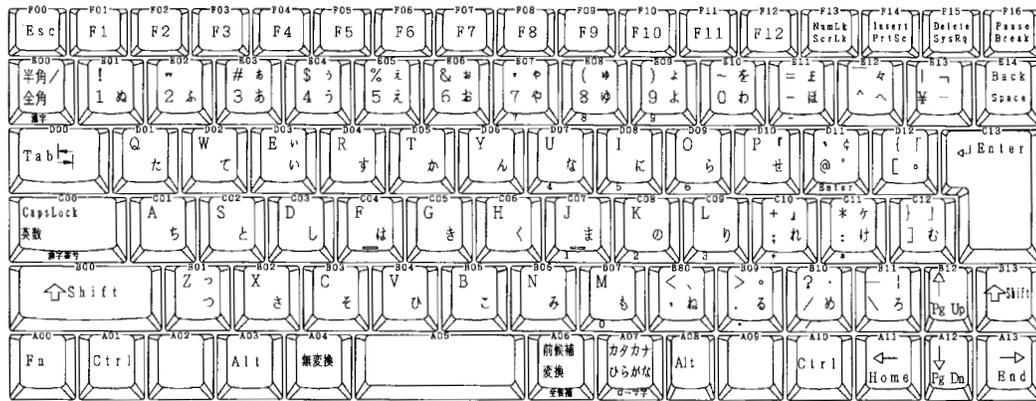
## ■ DIMENSIONS



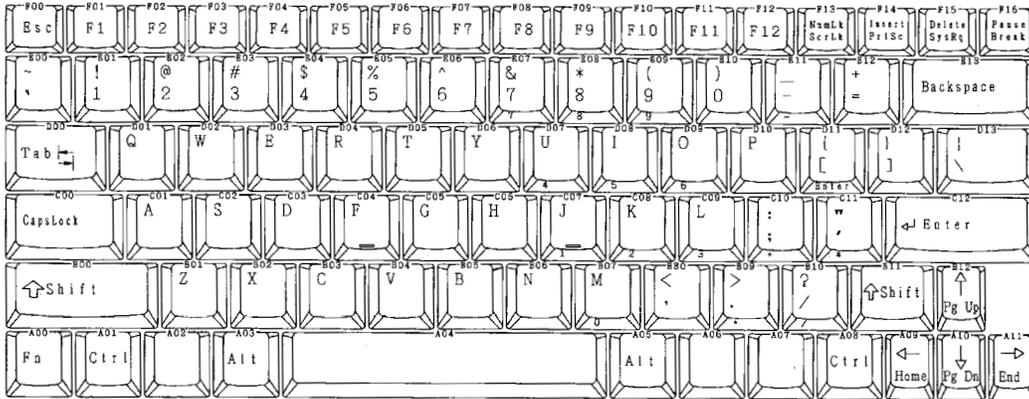
# FKB7401 SERIES

## KEY LAYOUT

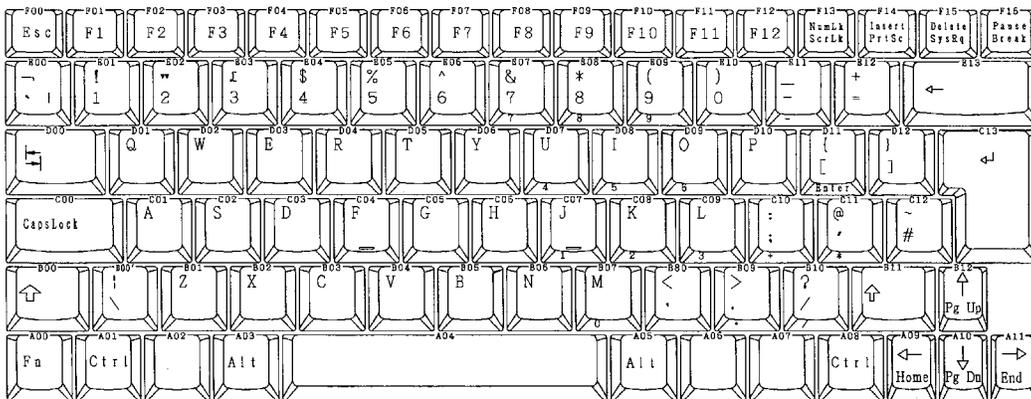
Japanese



U.S.



U.K.



## Fujitsu Components International Headquarter Offices

### Japan

Fujitsu Component Limited  
Gotanda-Chuo Building  
3-5, Higashigotanda 2-chome, Shinagawa-ku  
Tokyo 141, Japan  
Tel: (81-3) 5449-7010  
Fax: (81-3) 5449-2626  
Email: [promothq@ft.ed.fujitsu.com](mailto:promothq@ft.ed.fujitsu.com)  
Web: [www.fcl.fujitsu.com](http://www.fcl.fujitsu.com)

### North and South America

Fujitsu Components America, Inc.  
250 E. Caribbean Drive  
Sunnyvale, CA 94089 U.S.A.  
Tel: (1-408) 745-4900  
Fax: (1-408) 745-4970  
Email: [components@us.fujitsu.com](mailto:components@us.fujitsu.com)  
Web: <http://www.fujitsu.com/us/services/edevices/components/>

### Europe

Fujitsu Components Europe B.V.  
Diamantlaan 25  
2132 WV Hoofddorp  
Netherlands  
Tel: (31-23) 5560910  
Fax: (31-23) 5560950  
Email: [info@fceu.fujitsu.com](mailto:info@fceu.fujitsu.com)  
Web: [emea.fujitsu.com/components/](http://emea.fujitsu.com/components/)

### Asia Pacific

Fujitsu Components Asia Ltd.  
102E Pasir Panjang Road  
#01-01 Citilink Warehouse Complex  
Singapore 118529  
Tel: (65) 6375-8560  
Fax: (65) 6273-3021  
Email: [fcalfcal.fujitsu.com](mailto:fcalfcal.fujitsu.com)  
Web: <http://www.fujitsu.com/sg/services/micro/components/>

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