

# STANDARD KEYBOARD 104-Key Keyboard FKB4726 SERIES



#### ■ FEATURES

- PC99 compatible (PS/2 connector)
- Windows<sup>®</sup>95 keyboard function
- · Excellent operation
  - —Sharp tactile feedback
  - —Curved keyswitch panel
  - —Full-travel 3.8 mm (0.039 in.) keystroke, 55 g operating force (2.112 oz.), 20 g (0.704 oz.) tactile response
- · High quality and reliability
- · RoHS-compliant

#### MAIN APPLICATIONS

- · Desktop type personal computer
- Workstation

#### **■** DESCRIPTION

· With enclosure and interface cable

1

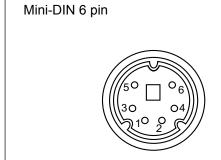
#### ■ SPECIFICATIONS

| Item        |                       | Specification FKB4726 Series  |  |
|-------------|-----------------------|---|--|
| Mechanical  | Number of Keys        | (1) U.S. : 104 keys   |  |
|             | Key Switch Type       | Membrane switch   |  |
|             | Keytop                | Rectangular cylindrical, Curved sculptured                                |  |
|             | Operating Force       | 55 gf ±25 gf (1.936 ±0.88oz.)   |  |
|             | Stroke                | 3.8 mm ±0.5 mm (0.149 in. ±0.019 in.)                                     |  |
|             | Tactile               | 20 gf typ.(0.704oz.), Sharp   |  |
|             | Operating Life        | 30 M operations min.  |  |
|             | Tilt                  | 2 levels  |  |
| Electrical  | Power Supply          | +5 V ±0.25 V DC, 100 mA max.  |  |
|             | Interface             | Serial transmission (clock synchronous type) PS/2 compatible              |  |
|             | Interlock             | F-key rollover  |  |
|             | Connector             | Mini-DIN 6 pin  |  |
| Environment | Operating Temperature | +10 to 50°C   |  |
|             | Storage Temperature   | -10 to 60°C   |  |
|             | Humidity              | 90% RH max. at +40°C max. inversely proportional change to 50% RH at 60°C |  |

#### ■ PART NUMBERS

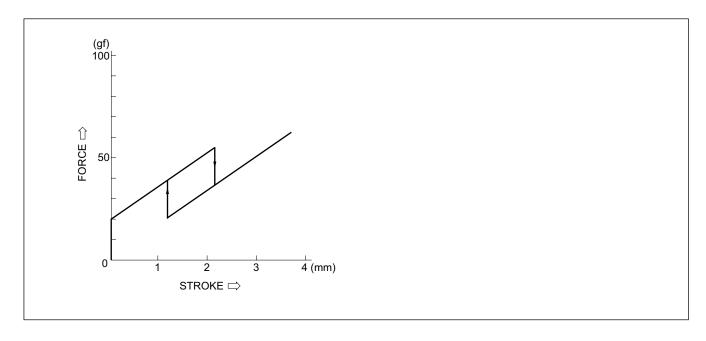
| Parts Number   | Number of Keys | Key Arrangement | Notes                         |
|----------------|----------------|-----------------|-------------------------------|
| FKB4726-601/20 | 104            | U.S.            | PS/2 compatible, No logo      |
| FKB4726-651/20 | 104            | U.S.            | PS/2 compatible, Fujitsu logo |

#### **■ CONNECTOR PIN ASSIGNMENT**

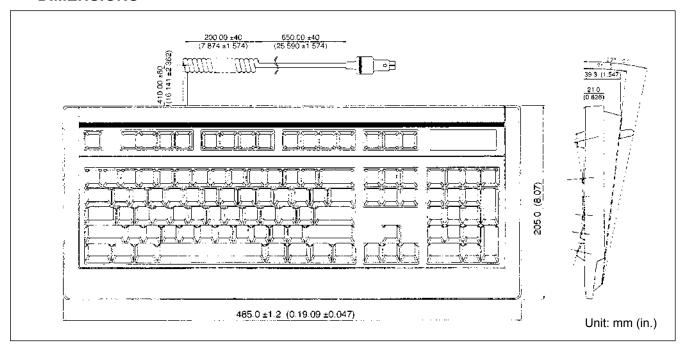


| Pin number | Signal name |
|------------|-------------|
| 1          | Data        |
| 2          | _           |
| 3          | GND (SG)    |
| 4          | +5 V        |
| 5          | Clock       |
| 6          |             |
| SHELL      | GND (FG)    |

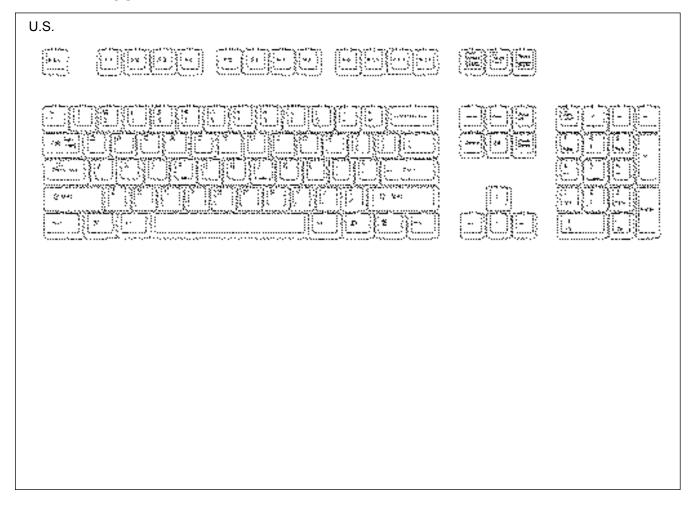
#### ■ OPERATING FORCE AND TRAVEL CHARACTERISTICS



#### **■** DIMENSIONS



#### ■ KEY LAYOUT



#### **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

Web: 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

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 Web: 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: fcal@fcal.fujitsu.com

Web: http://www.fujitsu.com/sg/services/micro/components/

©2006 Fujitsu Components America, Inc. All rights reserved. All trademarks or registered trademarks are the property of their respective owners.

Fujitsu Components America or its affiliates do not warrant that the content of datasheet is error free. In a continuing effort to improve our products Fujitsu Components America, Inc. or its affiliates reserve the right to change specifications/datasheets without prior notice. Rev. June15/2006