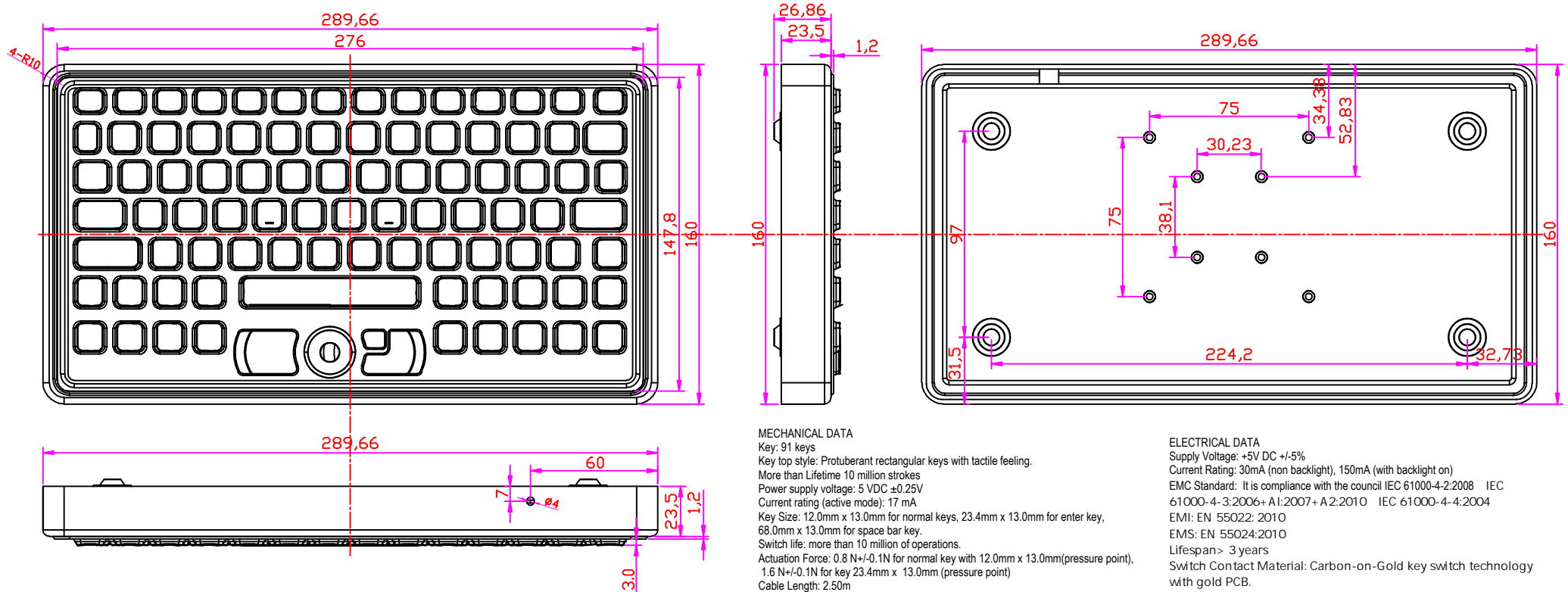


MILITARY KEYBOARD



MECHANICAL DATA

Key: 91 keys
 Key top style: Protuberant rectangular keys with tactile feeling.
 More than Lifetime 10 million strokes
 Power supply voltage: 5 VDC \pm 0.25V
 Current rating (active mode): 17 mA
 Key Size: 12.0mm x 13.0mm for normal keys, 23.4mm x 13.0mm for enter key,
 68.0mm x 13.0mm for space bar key.
 Switch life: more than 10 million of operations.
 Actuation Force: 0.8 N \pm 0.1N for normal key with 12.0mm x 13.0mm (pressure point),
 1.6 N \pm 0.1N for key 23.4mm x 13.0mm (pressure point)
 Cable Length: 2.50m
 G.W.: 1.00KGs
 Dimensions: 289.66mm x 160.0mm x 26.86mm (L x W x H)

ELECTRICAL DATA

Supply Voltage: +5V DC \pm 1-5%
 Current Rating: 30mA (non backlight), 150mA (with backlight on)
 EMC Standard: It is compliance with the council IEC 61000-4-2:2008 IEC 61000-4-3:2006+ A1:2007+ A2:2010 IEC 61000-4-4:2004
 EMI: EN 55022: 2010
 EMS: EN 55024:2010
 Lifespan > 3 years
 Switch Contact Material: Carbon-on-Gold key switch technology with gold PCB.
 Interface: PS2, USB available.
 OS: All Windows, Linux, Unix, Mac OSX, Vxworks, Android,
 (U-cos--To be confirmed)

ENVIRONMENTAL ADAPTABILITY

Operating temperature: -40 to +80
 Storage temperature: -50 to +90
 Operating RH: 100%
 Shock: 3 x 11 ms pulses of 50g on each of 3 axes
 Vibration: POWER SPECTRAL DENSITY: 0.04g/Hz, FREQUENCY RANGE: 20Hz - 2kHz,
 DURATION OF TEST PER AXIS: 3 hours
 Flammability
 PRINTED CIRCUIT BOARD: 94 VOSILICONE OVERLAY: 94 HBINTERFACE CABLE: 94 V

Part Number: **FN-BL-ML-EMC-FDT**

DATE

20.05.2016

CHANGES

REV

01

SCALE: 1 : 1

Designer: **L C Y** Audit: **Tony Deng**