

SPECIFICATION

Mechanical life: 100,000 cycles min

Electrical life: 100,000 cycles min

Contact Rating: 50 mA @12 VDC ;

Insulation Resistance: > 100M Ω DC100V

Withstand Voltage: AC100V 1 minute

Contact Resistance: < 100m Ω

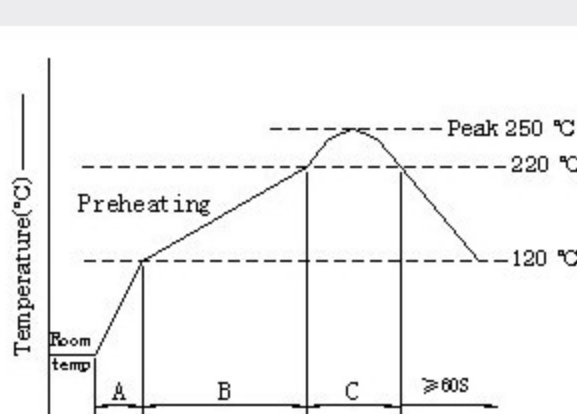
Ambient Humidity: < 85%RH

Operating Temper.: -20 $^{\circ}$ C to 70 $^{\circ}$ C

Operating Force: 300 $\pm$ 50gf

Soldering process: Hand Soldering : Use a soldering iron of 30 watts , controlled at 380 $^{\circ}$ C approximately 3 seconds while applying solder .

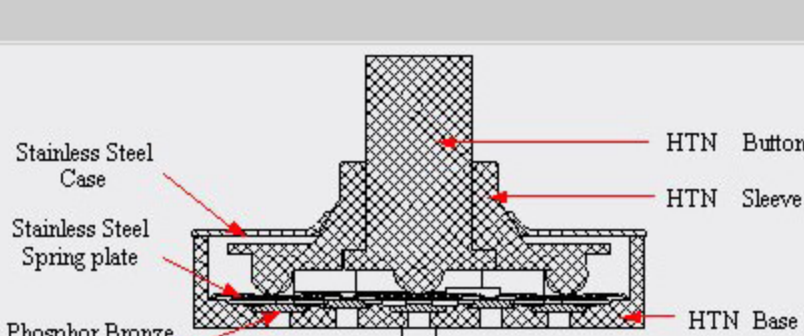
Reflow soldering: When applying reflow soldering, the peak temperature of the reflow Oven should be set to 250 $^{\circ}$ C max. Condition for soldering (Reflow & Non-washable Type) Temperature Profile: (Figure 1)



	Components size		Unit
A	Temp. rise gradient	40S	sec
B	Heating time	60-120S	sec
	Heating temperature	120-220 $^{\circ}$ C	$^{\circ}$ C
C	Time over 220 $^{\circ}$ C	60-90S	sec
	Peak temperature	250	$^{\circ}$ C
	Peak-temp. hold time	moment	sec
	Soldering	1	times

Reflow soldering (Figure 1)

MATERIALS



Button: HTN or High Temperature NYLONG (UL94 V-0)

Sleeve: HTN or High Temperature NYLONG (UL94 V-0)

Base: HTN

Case: Stainless Steel

Spring plate: Stainless Steel

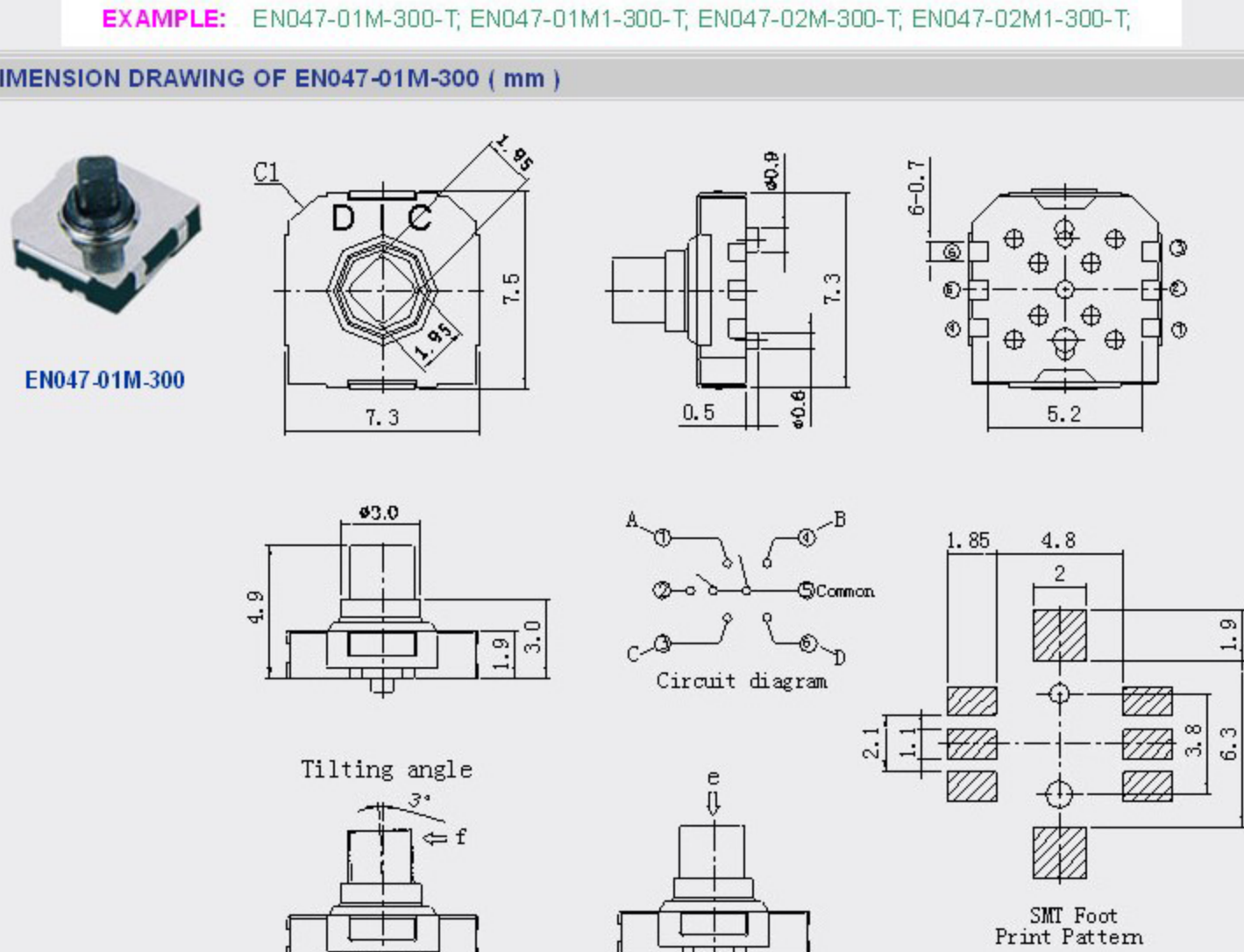
Terminals: Phosphor Bronze

HOW TO ORDER

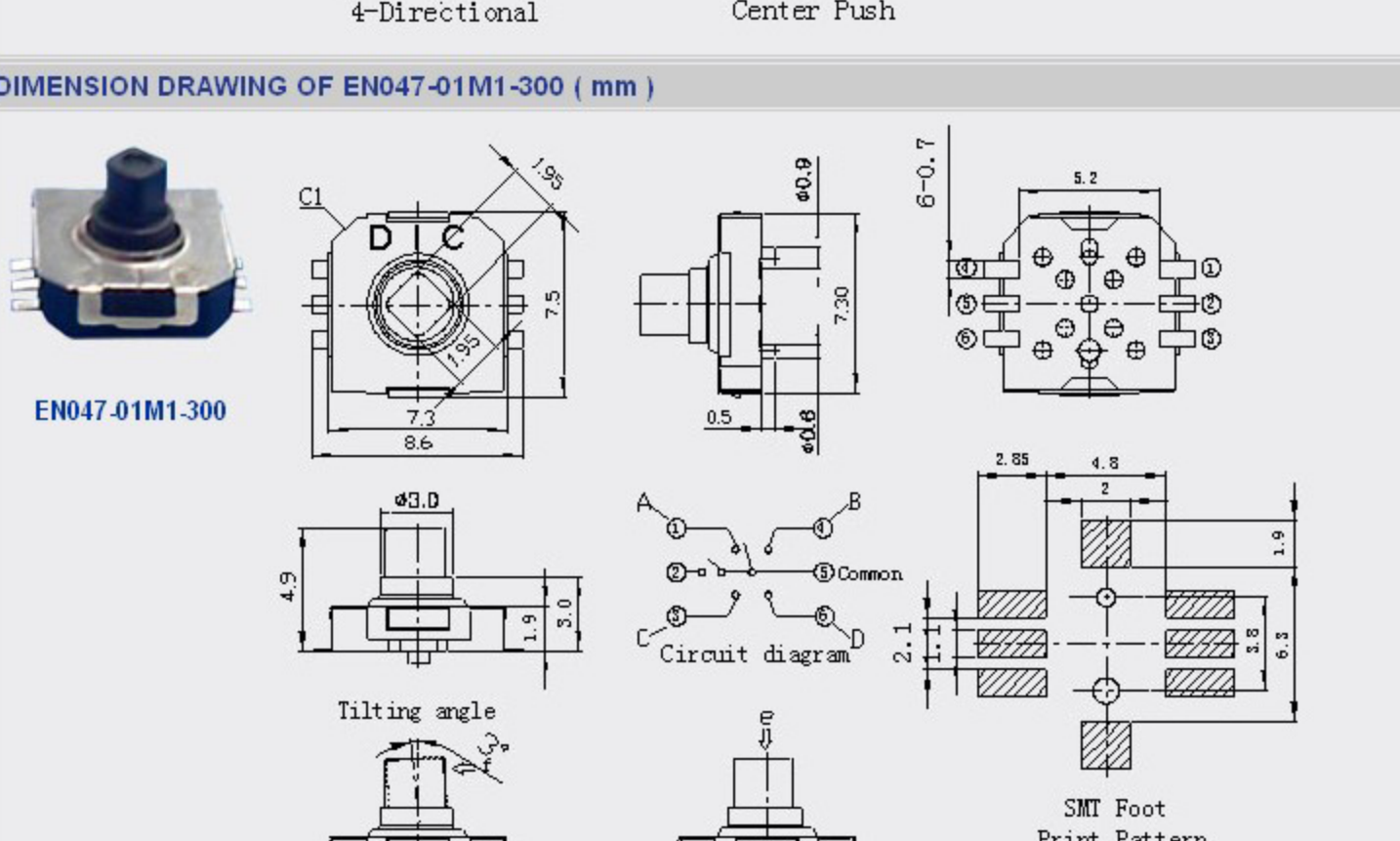
Series	Actuator Button	Terminal Type	Operating Force	Packing
EN047	01=01 Type 02=02 Type	M M1 (see chart)	300=300 gf	(none) T= Tape.

EXAMPLE: EN047-01M-300-T, EN047-01M1-300-T, EN047-02M-300-T, EN047-02M1-300-T,

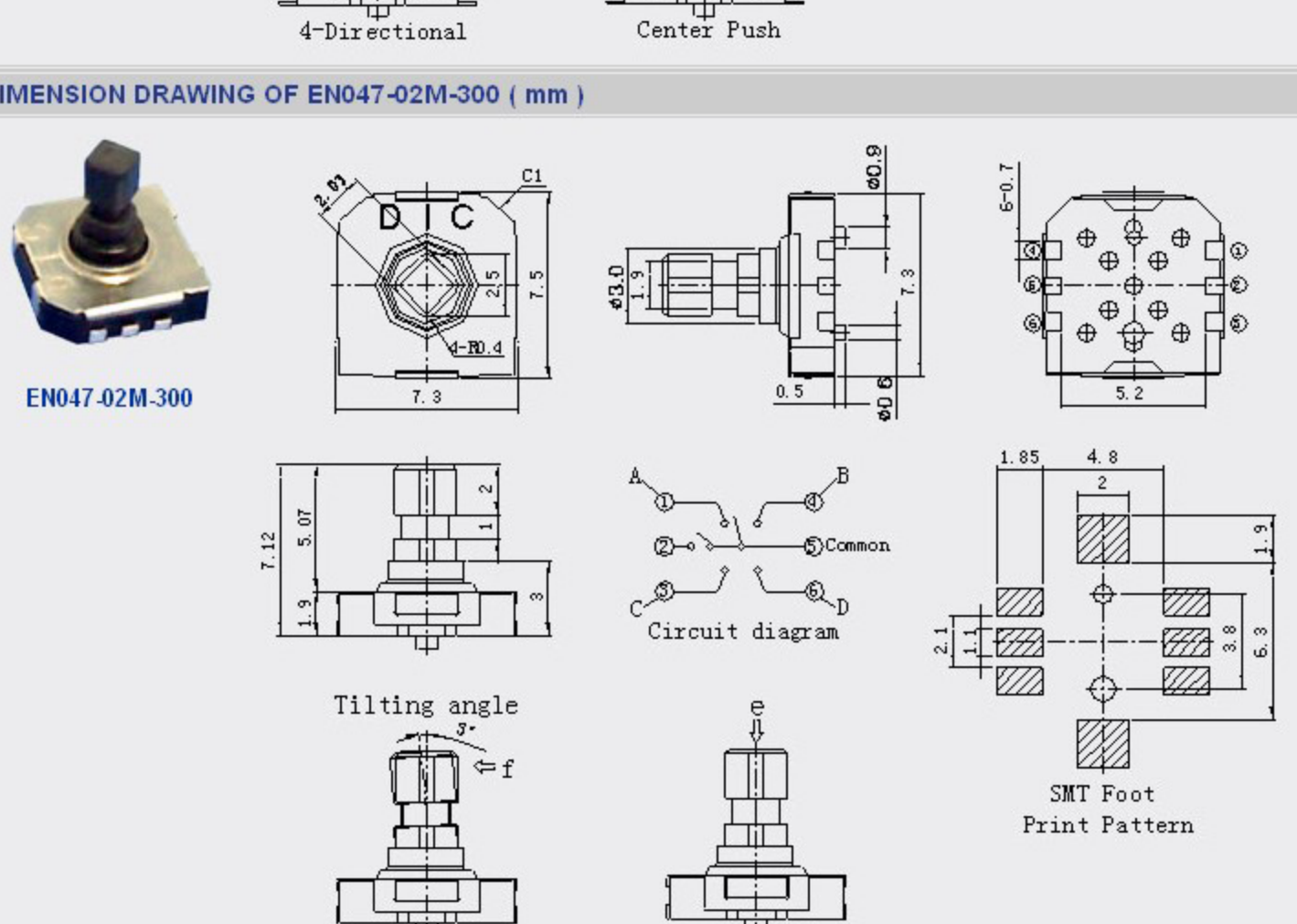
DIMENSION DRAWING OF EN047-01M-300 (mm)



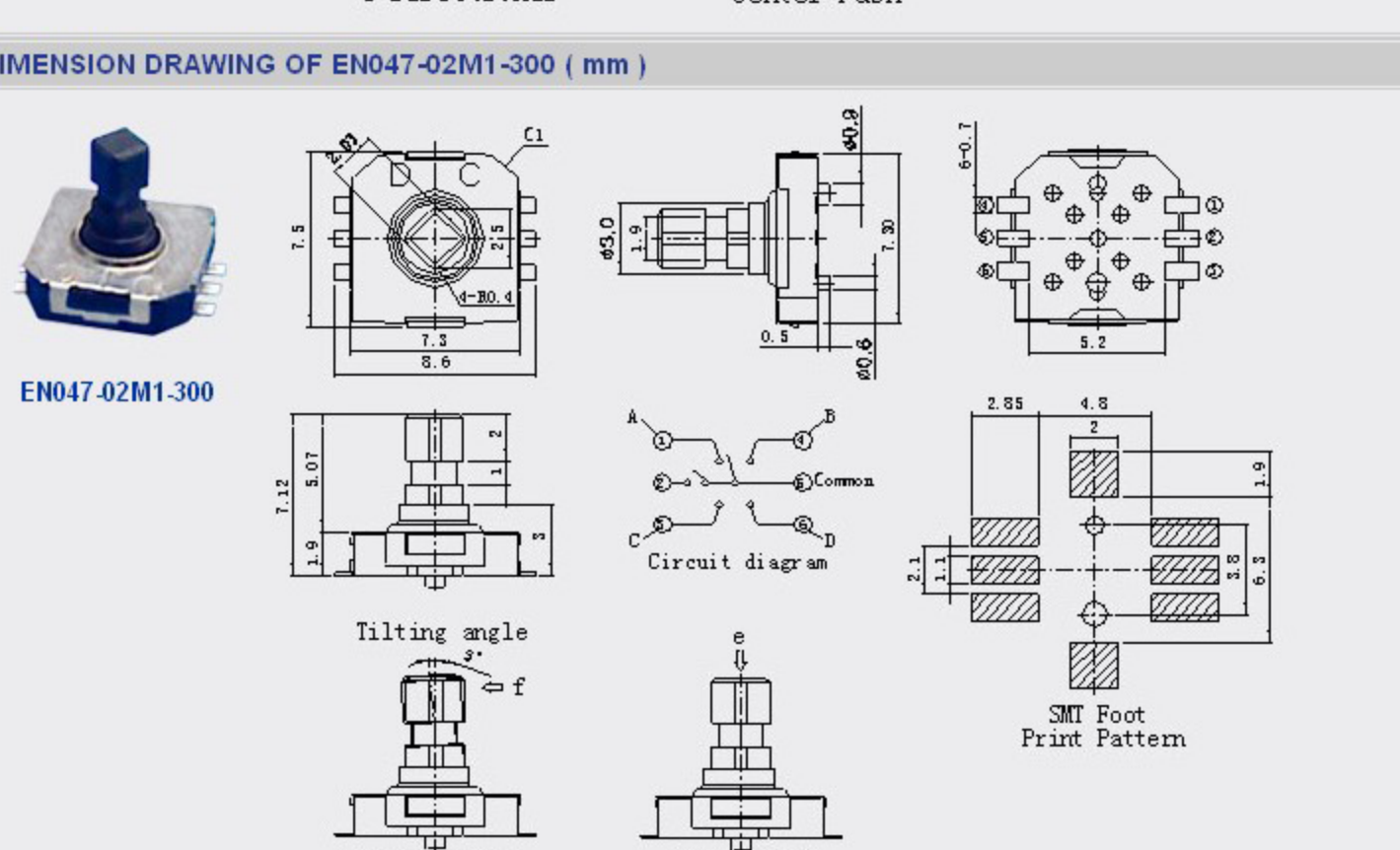
DIMENSION DRAWING OF EN047-01M1-300 (mm)



DIMENSION DRAWING OF EN047-02M-300 (mm)



DIMENSION DRAWING OF EN047-02M1-300 (mm)



PACKING EXPLANATION :

Taping packaging :

EN047-01M / 01M 1: 700 switches shall be packed in a reel; Ten(10) reels at maximum shall be packed in a package. Tape form and dimensions (Figure 1)

EN047-02M / 02M 1: 450 switches shall be packed in a reel; Ten(10) reels at maximum shall be packed in a package. Tape form and dimensions (Figure 1)

