

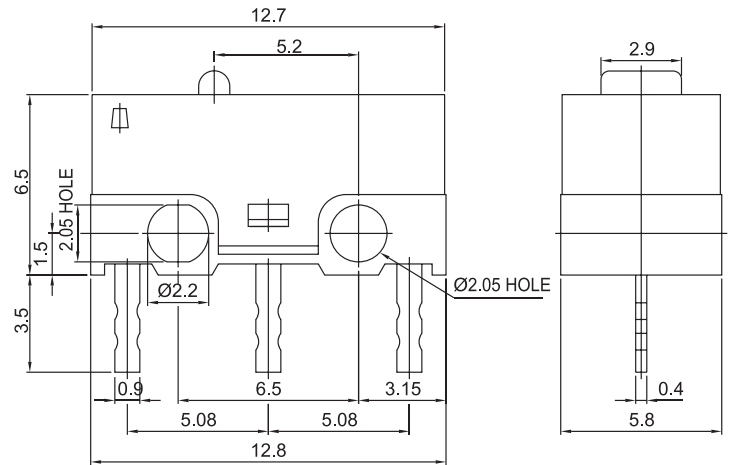


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## DM SERIES

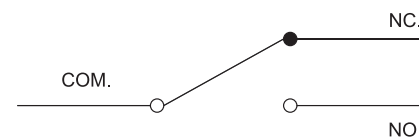
DIMENSIONS (Unless otherwise specified, a tolerance of  $\pm 0.4$  mm applies to all dimensions.)



## SPECIFICATIONS

|                                               |                                       |
|-----------------------------------------------|---------------------------------------|
| Contact Resistance (initial).....             | Max. 100m $\Omega$                    |
| Insulation Resistance (at 500VDC/minute)..... | Min. 100M $\Omega$                    |
| Dielectric Strength.....                      | AC 1000VAC (50~60Hz)                  |
| Storage Temperature Range.....                | -25°C to 85°C                         |
| Storage Humidity.....                         | at 40°C, Max. 85% R.H                 |
| Vibration.....                                | 10~55Hz, displacement 0.75mm (p-p)    |
| Electrical Service Life.....                  | 0.1A, 0.2A- Min. 1,000,000 operations |
|                                               | 3A - Min. 10,000 operations           |
| Electrical Operating Frequency....            | 0.1A- 120 operations per minute       |
|                                               | 3A- 10~30 operations per minute       |
| Mechanical Service Life.....                  | Min. 1,000,000 operations             |
| Mechanical Operating Frequency.....           | 120 operations per minute             |

## CONTACT CONFIGURATION



## RATING

0.1A 125 VAC, 1A125 VAC,  
3A 125 VAC, 0.1A48 VDC,  
0.2A60 VDC

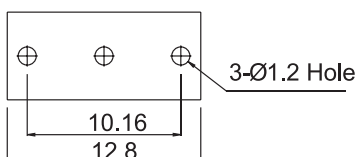
## APPLICATION

Walkie talkie, Mouse, Electric knife,  
Electric stapler, telephone, calculator,  
Mixer & Chopper, Electric pan, Battery  
charger, Video cassette rewinder,  
Cordless phone, tester machine.

## CERTIFICATE INFORMATION

|         |                                                                                         |
|---------|-----------------------------------------------------------------------------------------|
| UL      | 0.1A 48 VDC, 0.2A 60 VDC, 0.2A 125 VAC, 1A 125 VAC, 3A125 VAC - 6000 cycles (Temp:65°C) |
| CSA     | 0.1A 48 VDC, 0.1A 125 VAC, 1A 125 VAC, 3A 125 VAC - 6000cycles                          |
| ENEC 14 | 3A 125 VAC $\mu$ IEU                                                                    |

## MOUNTING HOLES



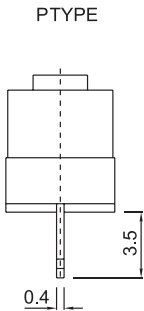
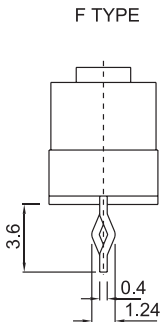
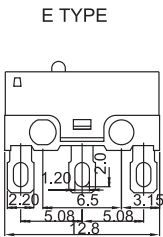
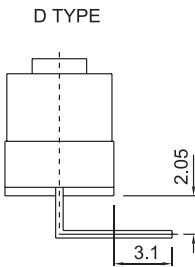
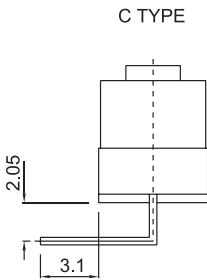
ORDERING INFORMATION

|                   |                              |                             |                                           |                          |              |
|-------------------|------------------------------|-----------------------------|-------------------------------------------|--------------------------|--------------|
| <b>D</b> <b>M</b> | <b>0</b> <b>3</b>            | <b>S</b>                    | <b>2</b>                                  | <b>P</b>                 | <b>Z</b>     |
| SERIES<br>PREFIX  | CODE<br>RATING<br>CURRENT    | CODE<br>OPERATING<br>FORCE  | CODE<br>ACTUATOR<br>TYPE                  | CODE<br>TERMINAL<br>TYPE | ROHS<br>CODE |
|                   | 03<br>1A 125VAC<br>3A 125VAC | L<br>LIGHT<br>S<br>STANDARD | 0<br>1<br>2<br>3<br>4<br>6<br>7<br>8<br>9 | P<br>C<br>D<br>F<br>E    |              |

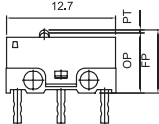
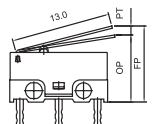
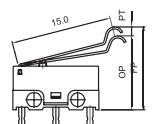
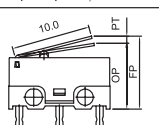
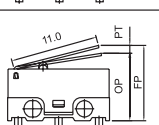
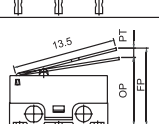
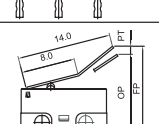
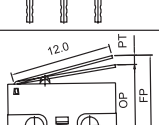
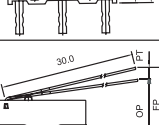
DM-03□-□□-A  
IS FOR GOLD PLATED CONTACTS RATING  
0.1A 48VDC;0.1A 125VAC;0.2A60VDC  
1A125VAC;3A125VAC

TERMINAL TYPES

PCB TERMINAL



### ORDERING CHARACTERISTICS

| SWITCH TYPE | PART SUFFIX                                                                         | OF MAX. (gf) |     | OP (mm)  | PT Max. (mm) | OT Min. (mm) | MD Max. (mm) | FP Max. (mm) | RF Min. (gf) |
|-------------|-------------------------------------------------------------------------------------|--------------|-----|----------|--------------|--------------|--------------|--------------|--------------|
| DM-03□-0□-Z |    | L            | 90  | 7.0±0.3  | 1.3          | 0.2          | 0.3          | 8.0          | 15           |
|             |                                                                                     | S            | 150 |          |              |              |              |              | 20           |
| DM-03□-1□-Z |    | L            | 30  | 8.4±0.8  | 3.4          | 0.6          | 1.3          | 11.0         | 5            |
|             |                                                                                     | S            | 50  |          |              |              |              |              | 8            |
| DM-03□-2□-Z |    | L            | 27  | 10.5±0.8 | 3.8          | 0.6          | 1.5          | 13.5         | 4            |
|             |                                                                                     | S            | 45  |          |              |              |              |              | 7            |
| DM-03□-3□-Z |   | L            | 40  | 7.9±0.8  | 3.4          | 0.6          | 1.0          | 10.5         | 6            |
|             |                                                                                     | S            | 70  |          |              |              |              |              | 10           |
| DM-03□-4□-Z |  | L            | 36  | 8.1±0.8  | 3.4          | 0.6          | 1.1          | 10.7         | 5            |
|             |                                                                                     | S            | 65  |          |              |              |              |              | 9            |
| DM-03□-6□-Z |  | L            | 29  | 8.5±0.8  | 3.5          | 0.7          | 1.4          | 11.2         | 4            |
|             |                                                                                     | S            | 50  |          |              |              |              |              | 7            |
| DM-03□-7□-Z |  | L            | 29  | 11.3±1.0 | 3.7          | 0.3          | 1.4          | 14.0         | 4            |
|             |                                                                                     | S            | 50  |          |              |              |              |              | 7            |
| DM-03□-8□-Z |  | L            | 33  | 8.2±0.8  | 3.4          | 0.5          | 1.2          | 10.8         | 5            |
|             |                                                                                     | S            | 60  |          |              |              |              |              | 8            |
| DM-03□-9□-Z |  | L            | 15  | 8.9±2.1  | 10.1         | 0.9          | 3.0          | 16.9         | 2            |
|             |                                                                                     | S            | 22  |          |              |              |              |              | 3            |

### THE SELECTION OF RATING & FORCE

| MODEL | RATING       | L | S |
|-------|--------------|---|---|
| DM    | 0.1A<br>0.2A | * | * |
|       | 3A           | * | * |