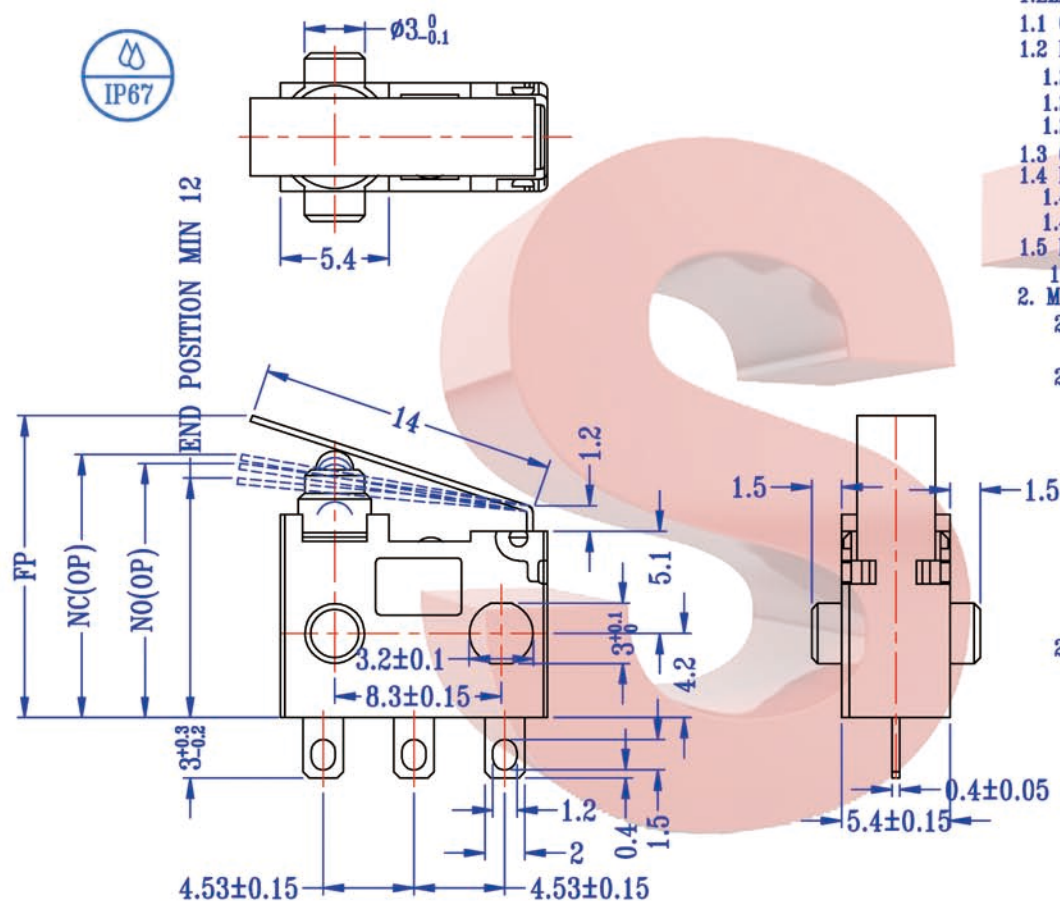




CAD FILE:



SPECIFICATIONS

1.ELECTRICAL CHARACTERISTICS:

1.1 Circuit Arrangement : SPDT(Single pole double throw)

1.2 RATING & Service Life :

1.2.1 100mA 30V DC 300.000 operations min, 120 cycles/minute max.

1.2.2 1mA 5V DC 500.000 operations min, 120 cycles/minute max.

1.2.3 50mA 16V DC 500.000 operations min, 120 cycles/minute max.

1.3 CONTACT RESISTANCE: 20mΩ Max(INITAL)

1.4 DIELECTRIC WITHSTANDING VOLTAGE:

1.4.1 600V AC(50HZ-60HZ)/minute between contacts.

1.4.2 1500V AC(50HZ-60HZ)/minute between Live-parts and dead metal parts

1.5 INSULATION RESISTANCE:

100MΩ min(100V DC/minute)between Live-parts and dead metal parts

2. MECHANICAL CHARACTERISTICS:

2.1 FORCE INITIAL: 170gf max.

indicates operating load for NO contact to achieve ON status

2.2 TRAVEL

2.2.1 Free position(FP) : 15.70mm max.

2.2.2 Operation Position

on NC side(OP) : 14±0.5mm(Indicates position for NC contac to achieve OFF status)

2.2.3 Operation Position

on NC side(OP) : 13.5±0.3mm(Indicates position for NC contac to achieve ON status)

2.2.4 Over-travel on NC side(OT): 3.2mm(ref)

2.2.5 Over-travel on NC side(OT): 2.8mm(ref)

2.3 Protection : IP67(Excluding the terminals on terminal models)

8					TOLERANCE				
7					UNLESS SPECIFIED				
6					WITHIN 1.5mm : ±0.1mm				
5					OVER 1.5mm : ±0.2mm	ISSUE	DATE	DESCRIPTIONS OF REVISION	APPD.
4					TITLE : MICRO SWITCH			UNIT : mm	DRWG NO.: MX-8001-M-WP
3					MODEL: MX-8001-M-WP			SCALE: 1:1	DWN. Y M G 28-Aug-2020
2								CHK'D L M	28-Aug-2020
1					S.T. INDUSTRIAL (ASIA) LIMITED			APPD. ENG-052	28-Aug-2020
NO.	PARTS	MATERIALS	Q'TY	FINISH					