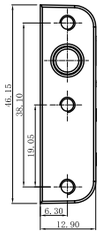
◆Dimensions and Operating Characteristics

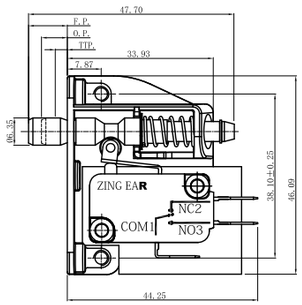
□Unit:mm)

◆G5D□ □-□ □1800F05-V



Parameters				
OF Max		FP Max (mm)	TTP Min (mm)	OP Min (mm)
(N)	(gf)			
17.60	1800	9.5	3.18	5.16

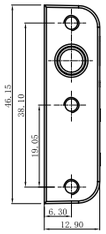


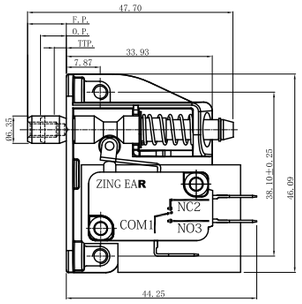


◆G5D□ □-□ □1800J05-V



Parameters				
OF Max		FP Max (mm)	TTP Min (mm)	OP Min (mm)
(N)	(gf)			
17.60	1800	9.5	3.18	5.16

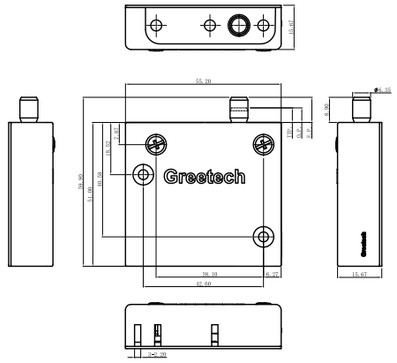




◆G5D□ □-□ □900J05-V



Parameters				
OF Max		FP Max (mm)	TTP Min (mm)	OP Min (mm)
(N)	(gf)			
17.60	900	9.5	3.18	5.16



G5E Series



Suminiature Micro Switch

■Features

◆Small Compact Size
◆Long Life and High Reliability
◆Variety of Terminals
◆PTI rated 400V
◆Widely applied for home appliances, electronic equipments, automatic equipments, communication equipments, auto electronics, apparatus and instruments, electrical tools etc. Specially used in electric heating tap industry.

■Application

◆Home Appliance:electric heating tap
◆Electronic Equipments
◆Automatic Equipments
◆Communication Equipments
◆Auto Electronics
◆Apparatus and Instruments
◆Power Tools

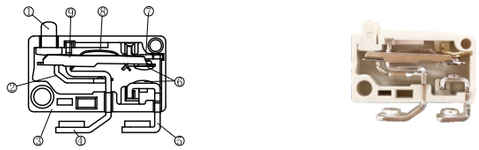
■ Parameters:

Operating Speed		0.1mm-1m/s (Related to driver mode)
Operating Frequency		Mechanical:60 cycles/minute Electrical:15 cycles/minute
Insulation Resistance		≥100M Ω(500VDC)
Contact Resistance		≤100m Ω
Voltage Resistance	Between each terminals of the same polarity	AC1000V, 50/60HZ, 1min.
	Between current-carrying metal part and cover, and between each terminals and non-current-carring metal parts	AC1500V, 50/60HZ, 1min.
Vibration Resistance		10-55HZ, 1.5mm
Storage Temperature		-40~85℃
Storage Humidity		85%RH Max
Service Life	Electrical	50000 cycles
	Mechanical	1000,000 cycles

G5E Series Micro Switch Ordering Instruction

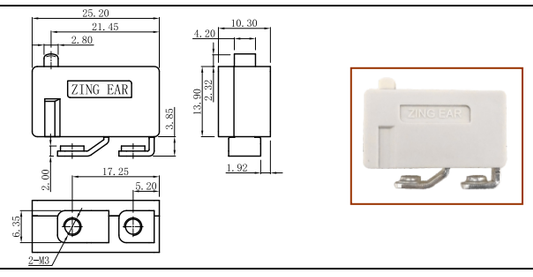
G5E	16	100	A	P	T001
Switch Type	Electrical Rating	Max Operating Force at Pin Plunger	Terminal Type	Circuit code	Custom code
Switch Type	16 16A 250VAC 5E4 μ 40T85	100 100gf Max	A M3 Screw Terminals	P SPST-NO	General
	··· Other	150 150gf Max	··· Special Terminals		T001
		··· Other			··· Other

■Inner Construction

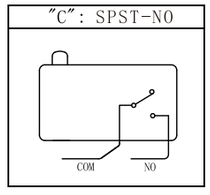


1.Pin Plunger 2.Internal Lever 3.Case 4.COM Terminal 5.NO Terminal
6.Contacts 7.Needle 8.Spring 9.Moving Plate 10.Cover

■Shape Characteristics

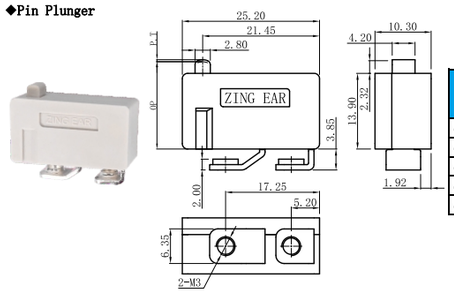


■Circuit Configuration



■Dimensions and Operating Characteristics

◆Pin Plunger

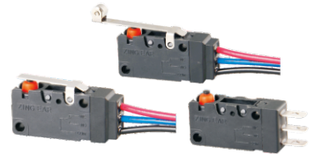


Operating Characteristics

Part No.	OF Max. (gf)	RF Min. (gf)	PT Max. (mm)	OT Min. (mm)	DT Max. (mm)	FP Max. (mm)	OP (mm)
G5E□□-100AP	100	20	1.6	0.8	0.8	17	15.5±0.5
G5E□□-150AP	150	30	1.6	0.8	0.8	17	15.5±0.5
G5E□□-200AP	200	50	1.6	0.8	0.8	17	15.5±0.5
G5E□□-300AP	300	75	1.6	0.8	0.8	17	15.5±0.5
G5E□□-400AP	400	100	1.6	0.8	0.8	17	15.5±0.5

G5W11 Series

Waterproof Micro Switch



■Features

-Water Proof and Dust Proof
-Tight Structure、Small Contact Gap
Snap Action、High Sensitivity
-Long Life、high Precision and Reliability
-Widely used in Auto、Agricultural Equipment、
Applications、Office Equipment etc
-Max Approved Current at ENEC/UL is 10A

■Application

-Home Appliances
-Electronic Devices
-Automatic Equipments
-Auto Electronics
-Agricultural Equipments
-Office Equipments

■Parameters:

Rating	W1	ENEC 0.1A 48VDC, 0.1A 125/250VAC, 40T85, 5E4, u UL 0.1A 48VDC, 0.1A 125/250VAC, T85
	W2	ENEC: 5A 48VDC, 0.1A 125/250VAC, 40T85, 5E4, u UL:5A 125/250VAC, 5A 30VDC T85
	W3	ENEC 10(2)A 125/250VAC, 0.5A 125VDC, 0.25A 250VDC, 40T85, u, 2e4 UL 10.1A 1/10HP 125/250VAC, 0.5A 125VDC, 0.25A 250VDC, T85
Operating Frequency	Electrical	10~30 times/min
	Mechanical	60 times/min
Contact Resistance (Intial Value)	with terminal type	50mΩMax
	with wire type	100mΩMax (Depends on the length of the wire)
Insulation Resistance		At 500vdc, 100MΩMin.
Dielectric Strength	Between terminals	AC 1000V 50-60Hz 1min
	Between terminals and housing	AC 1500V 50-60Hz 1min
Storage Temperature		-40° C~+85° C
Strorage Humidity		85%RH Max
Protection Grade	With terminal type	IEC IP67(expect terminal)
	With wire type	IEC IP67
Electric-shock safeguard grade		Class II
Life	E-Life	20,000 time~100,000 time above (Depending on the type) 2E4~10E4 cycles(depends on P/Ns)
	M-Life	Over 500,000cycles or 1,000,000cycles(60cycles/min)
Unit Net Weight		Approx.7g(with terminals type and without lever)