



Chipsmall Limited consists of a professional team with an average of over 10 year of expertise in the distribution of electronic components. Based in Hongkong, we have already established firm and mutual-benefit business relationships with customers from,Europe,America and south Asia,supplying obsolete and hard-to-find components to meet their specific needs.

With the principle of "Quality Parts,Customers Priority,Honest Operation,and Considerate Service",our business mainly focus on the distribution of electronic components. Line cards we deal with include Microchip,ALPS,ROHM,Xilinx,Pulse,ON,Everlight and Freescale. Main products comprise IC,Modules,Potentiometer,IC Socket,Relay,Connector.Our parts cover such applications as commercial,industrial, and automotives areas.

We are looking forward to setting up business relationship with you and hope to provide you with the best service and solution. Let us make a better world for our industry!



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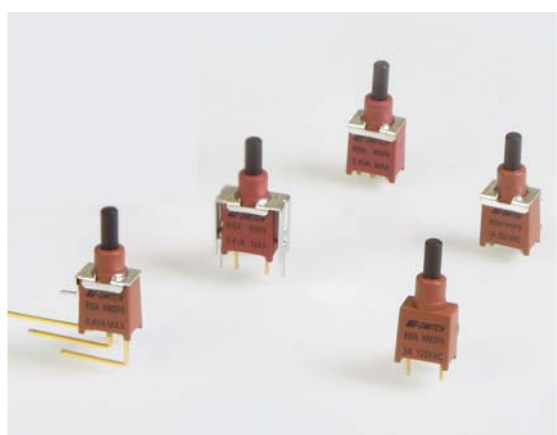




E-SWITCH®

SERIES 800A SWITCHES

PUSHBUTTON SWITCHES - SUB-MINIATURE



FEATURES & BENEFITS

- ▶ Subminiature design
- ▶ Butt contact design
- ▶ IP-67 sealed option

APPLICATIONS/MARKETS

- ▶ Telecommunications
- ▶ Networking
- ▶ Computers/servers
- ▶ Performance audio
- ▶ Instrumentation
- ▶ Low power on/off designs
- ▶ External hard drives and modems

SPECIFICATIONS

Contact Rating:	3A @ 120 VAC or 28 VDC 1A @ 250 VAC
Life Expectancy:	50,000 cycles typical
Contact Resistance:	10mΩ 1 max. typical @ 2-4 VDC 100mA for both silver and gold plated contacts
Insulation Resistance:	1,000MΩ 1min.
Dielectric Strength:	1,000 V rms @ sea level
Actuation Force:	200 ± 50 gf
Operating Temperature:	-30°C to +85°C

MATERIALS

Case:	Diallyl Phthalate (DAP)
Plunger:	Glass filled nylon or glass filled polyester
Bushing:	Diallyl Phthalate (DAP)
Housing:	Stainless steel
Contacts:	Silver or Gold plated copper alloy



HOW TO ORDER

SERIES	MODEL NO.	TERMINATION	CONTACT MATERIAL	SEAL	CAP	CAP COLOR
800A	WSP8 WSP9	M2 M6 M61 M7 VS2	Q = Silver R = Gold	E = Epoxy Sealed at Base of Terminal	See Cap Options	



Example Ordering Number

800A-WSP9-M7-R-E

Specifications subject to change without notice 1.8.2018

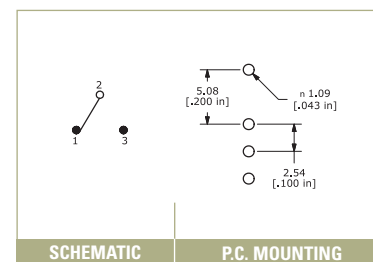
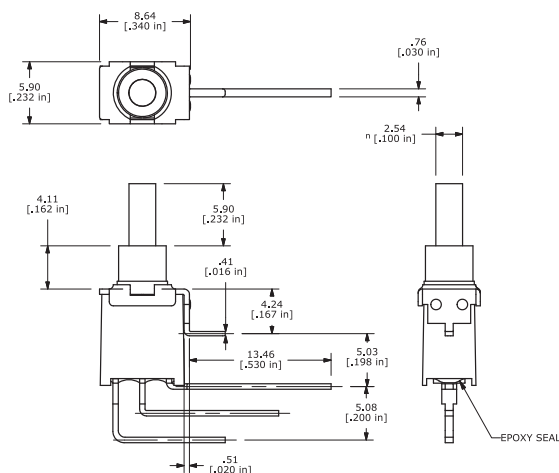
SPDT

WSP8



Model No.	Type
WSP8	ON (ON)
WSP9	OFF (ON)

() = Momentary



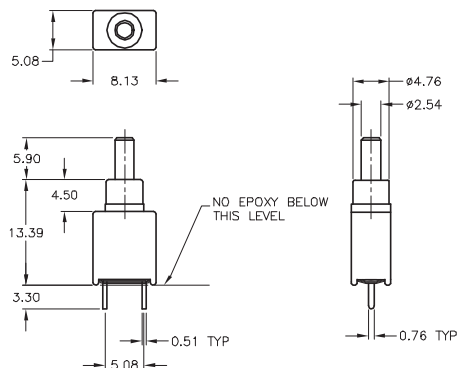
TACT
SWITCHESNAVIGATION
SWITCHESPUSHBUTTON
SWITCHESTOGGLE
SWITCHESROCKER
SWITCHESSLIDE
SWITCHESSNAP-ACTION
SWITCHESDIP
SWITCHESKEYLOCK
SWITCHESROTARY
SWITCHESDETECTOR
SWITCHESCAP
OPTIONS

SERIES 800A SWITCHES

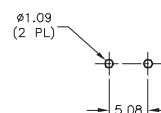
PUSHBUTTON SWITCHES - SUB-MINIATURE

SPST

WSP9



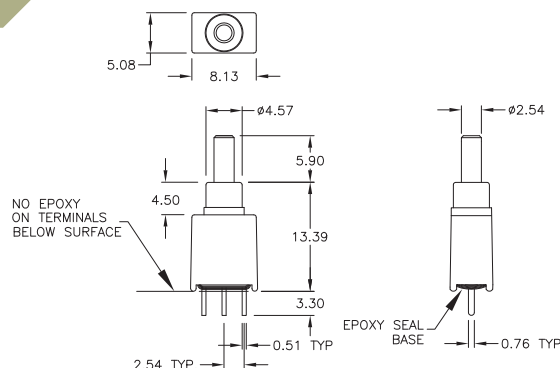
SCHEMATIC



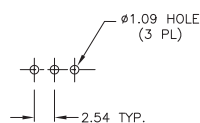
P.C. MOUNTING

M2

SPST



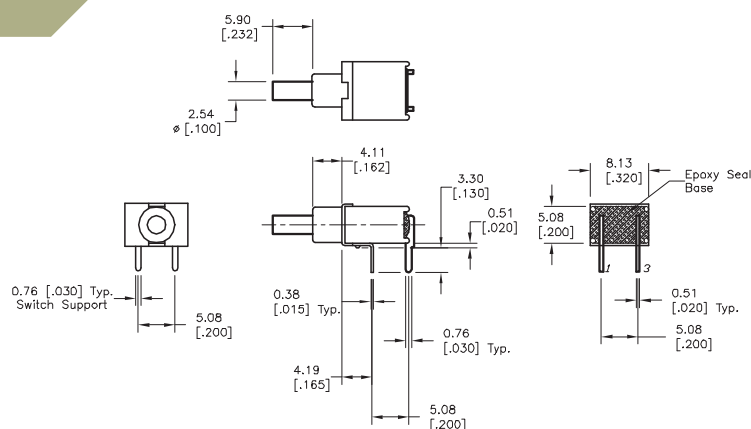
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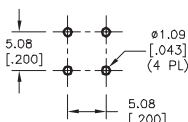
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M6

SPST



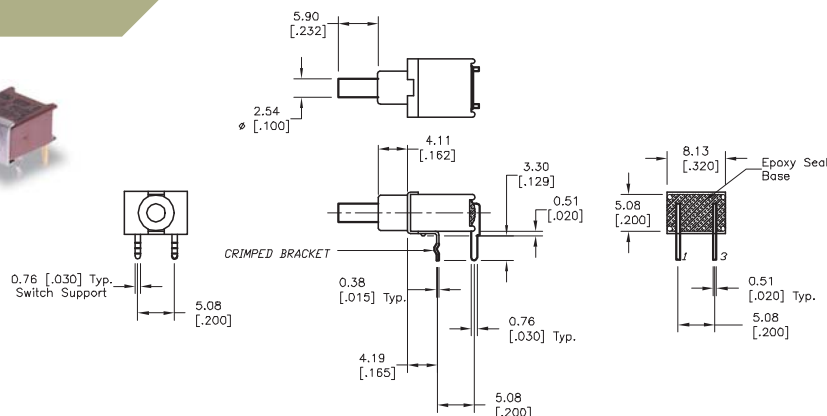
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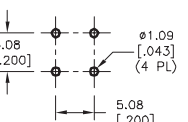
P.C. MOUNTING

M61

SPST



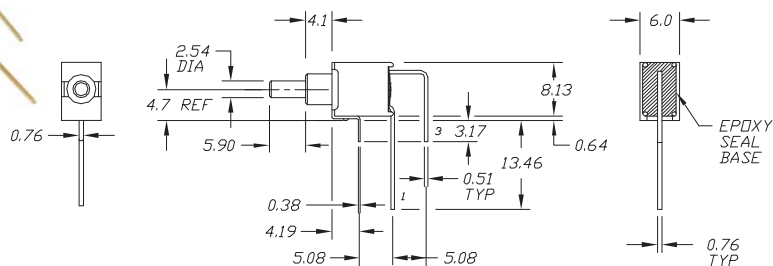
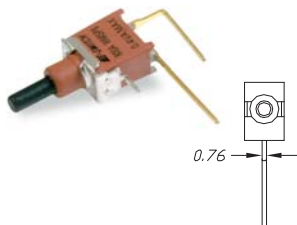
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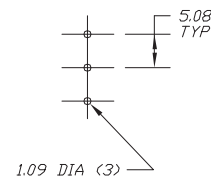
P.C. MOUNTING

**M7**

SPST



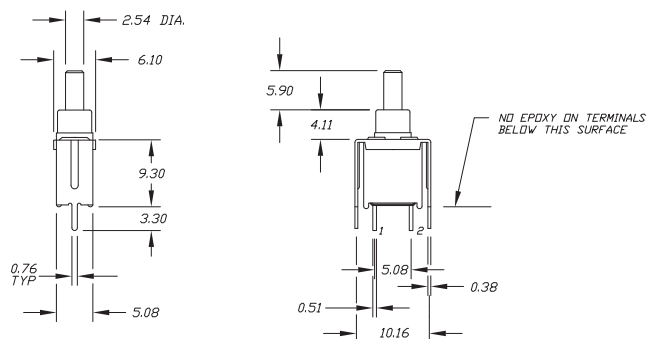
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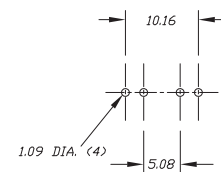
P.C. MOUNTING

VS2

SPST



SCHEMATIC



P.C. MOUNTING

CONTACT MATERIAL OPTIONS**Q**

Fixed Terminal:	Silver plated copper alloy
Moving Contact:	Silver plated copper alloy
Rating:	3A @ 120 VAC or 28 VDC 1A @ 250 VAC

R

Fixed Terminal:	Copper alloy with gold plate over nickel plate
Moving Contact:	Copper alloy with gold plate over nickel plate
Rating:	0.4 VA max. @ 20 VAC or DC max.