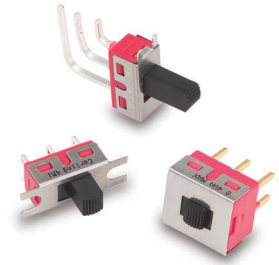


4S1 & 4SS-Series

Sub-Miniature &
Sealed Sub-Miniature
Slide Switches



4M1-Series

Miniature Slide Switch

Specifications

Contact Rating refer to ordering scheme
 Electrical Life 30,000 make & break cycles at full load
 Contact Resistance. 10 mΩ max. initial @ 2-4 VDC
 100mA for both silver & gold plated contacts.
 Insulation Resistance 1000 MΩ min.
 Dielectric Strength 1500 Volts RMS @ sea level
 Operating Temperature . . . -30°C to +85°C
 Solder Heat Resistance. . . MIL-STD-202, Method 210
 Actuator Travel 25°

Materials

Case Diallyl phthalate (DAP) (UL 94V-0)
 Slide Handle. Nylon
 Housing. Stainless Steel
 Terminal Seal Epoxy

4S1-Series Ordering Scheme



1 SERIES 4S1 Sub-Miniature Slide Switch			
2 POLES FSP single pole			
3 CIRCUIT			
Switching Position:			
1	2-1	OPEN	2-3
3	ON	NONE	ON
	ON	OFF	ON
4 TERMINATION			
M2 PCB			
M6 PC Mount, 90° horizontal			

5 CONTACT		
	<i>Material</i>	<i>Terminal Plating</i>
G	silver ¹	gold over silver ³
K	gold ²	tin-lead ⁴
P	silver ¹	tin-lead ⁴
Q	silver ¹	silver ¹
R	gold ²	gold ²
<i>Rating</i>		
	3A@125VAC or 28VDC; 1.5A @ 250VAC	
	0.4VA max. @20V max (AC/DC)	
	3A@125VAC or 28VDC; 1.5A @ 250VAC	
	3A@125VAC or 28VDC; 1.5A @ 250VAC	
	0.4VA max. @20V max (AC/DC)	
NOTE:		
Tin-lead option available with PC type terminations only.		
1	Moveable contact & terminals: copper alloy, silver plate	
2	Moveable contact & terminals: copper alloy with gold plate over nickel plate	
3	Terminals: silver plate with outer layer in gold plating	

6 EPOXY SEAL	
E	epoxy seal

7 PACKAGING	
Switches are bulk packed, unless T/R is specified at the end of the part number.	
T/R tape reel - 500 pieces per reel	

4SS-Series Ordering Scheme



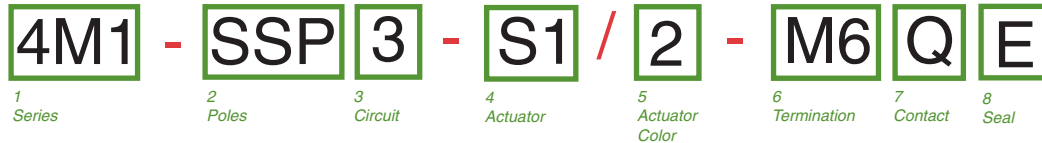
1 SERIES 4SS Sealed Sub-Miniature Slide Switch												
2 POLES FSP single pole												
3 CIRCUIT Switching Position:												
<table border="0"> <tr> <td></td> <td>2-1</td> <td>OPEN</td> <td>2-3</td> </tr> <tr> <td>1</td> <td>ON</td> <td>NONE</td> <td>ON</td> </tr> <tr> <td>3</td> <td>ON</td> <td>OFF</td> <td>ON</td> </tr> </table>		2-1	OPEN	2-3	1	ON	NONE	ON	3	ON	OFF	ON
	2-1	OPEN	2-3									
1	ON	NONE	ON									
3	ON	OFF	ON									
4 TERMINATION Termination options for switches with brick color actuators M2 PCB M6 PC Mount, 90° horizontal M7 PC Mount, 90° vertical Termination options for switches with white color actuators L6 Surface Mount, 90° flat S6 Surface Mount, 90° horizontal S7 Surface Mount, 90° vertical												

5 CONTACT															
<table border="0"> <tr> <th>Material</th> <th>Terminal Plating</th> <th>Rating</th> </tr> <tr> <td>G silver¹</td> <td>gold over silver</td> <td>3A@125VAC or 28VDC; 1.5A @ 250VAC</td> </tr> <tr> <td>K gold²</td> <td>tin-lead⁴</td> <td>0.4VA max. @20V max (AC/DC)</td> </tr> <tr> <td>P silver¹</td> <td>tin-lead</td> <td>3A@125VAC or 28VDC; 1.5A @ 250VAC</td> </tr> <tr> <td>R gold²</td> <td>gold²</td> <td>0.4VA max. @20V max (AC/DC)</td> </tr> </table>	Material	Terminal Plating	Rating	G silver ¹	gold over silver	3A@125VAC or 28VDC; 1.5A @ 250VAC	K gold ²	tin-lead ⁴	0.4VA max. @20V max (AC/DC)	P silver ¹	tin-lead	3A@125VAC or 28VDC; 1.5A @ 250VAC	R gold ²	gold ²	0.4VA max. @20V max (AC/DC)
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6 EPOXY SEAL E epoxy seal

7 PACKAGING Switches are bulk packed, unless T/R is specified at the end of the part number. T/R tape reel - 500 pieces per reel

4M1-Series Ordering Scheme

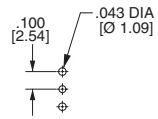
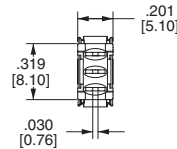
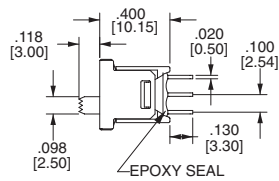
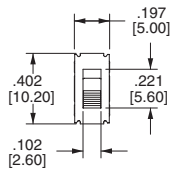
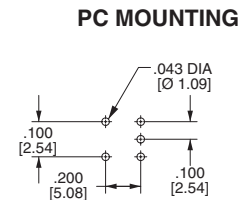
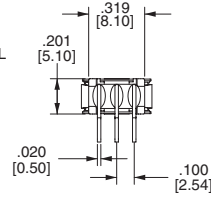
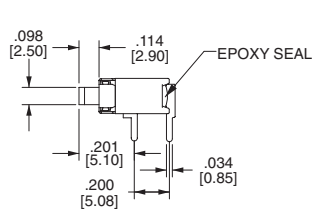
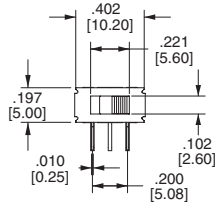
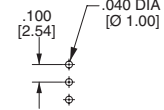
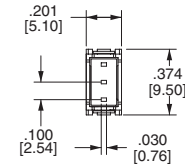
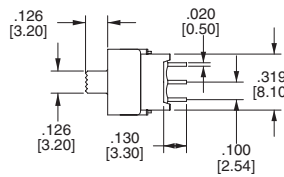
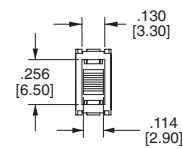
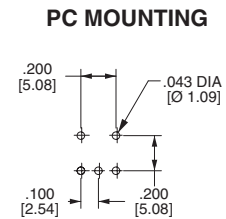
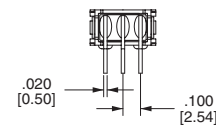
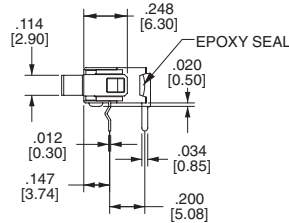
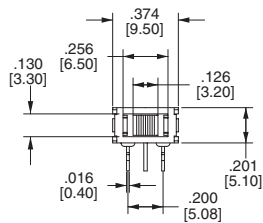
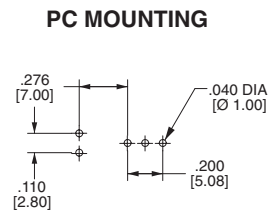
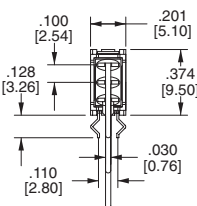
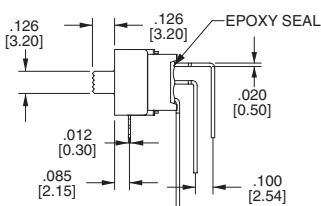
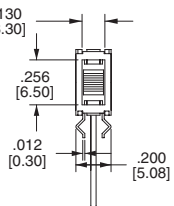
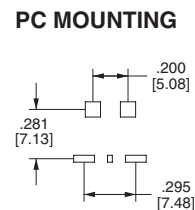
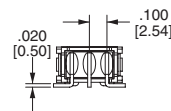
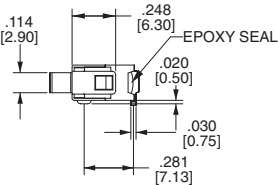
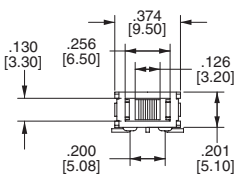


1 SERIES 4M1 Miniature Slide Switch																
2 POLES SSP single pole SDP double pole																
3 CIRCUIT Switching Position																
<table border="0"> <tr> <td></td> <td>2-1, 5-4</td> <td>OPEN</td> <td>2-3, 5-6</td> </tr> <tr> <td>1</td> <td>ON</td> <td>NONE</td> <td>ON</td> </tr> <tr> <td>3</td> <td>ON</td> <td>OFF</td> <td>ON</td> </tr> </table>		2-1, 5-4	OPEN	2-3, 5-6	1	ON	NONE	ON	3	ON	OFF	ON				
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4 ACTUATOR																
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6 TERMINATION	M5-3 Wire Wrap [10.80]
M1 Solder Lug	M5-4 Wire Wrap [26.97]
M2 PCB	M6 PC Mount, 90° horizontal
M3 Quick Connect	M7 PC Mount, 90° vertical
M5-1 Wire Wrap .750 [19.05]	VS2 PC Mount, U bracket, .620 mounting x .460 high
M5-2 Wire Wrap [24.48]	

7 CONTACT																								
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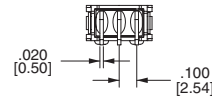
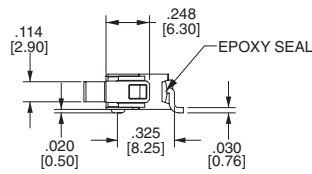
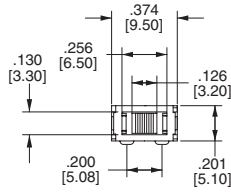
8 EPOXY SEAL E epoxy seal

4S-Series Dimensional Specifications: in. [mm]
4S1-Series
TERMINATION
PC MOUNTING
M2

M6

4SS-Series
TERMINATION
PC MOUNTING
M2

M6

M7

L6


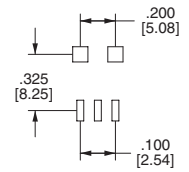
4SS-Series Dimensional Specifications: in. [mm]

TERMINATION

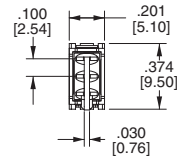
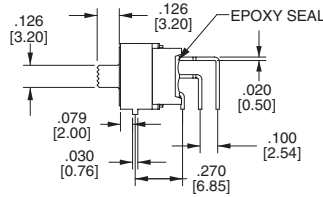
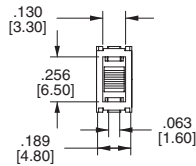
S6



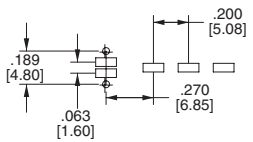
PC MOUNTING



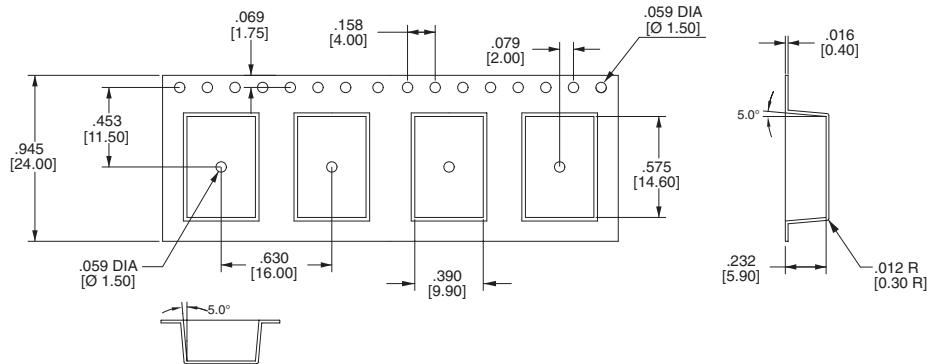
S7



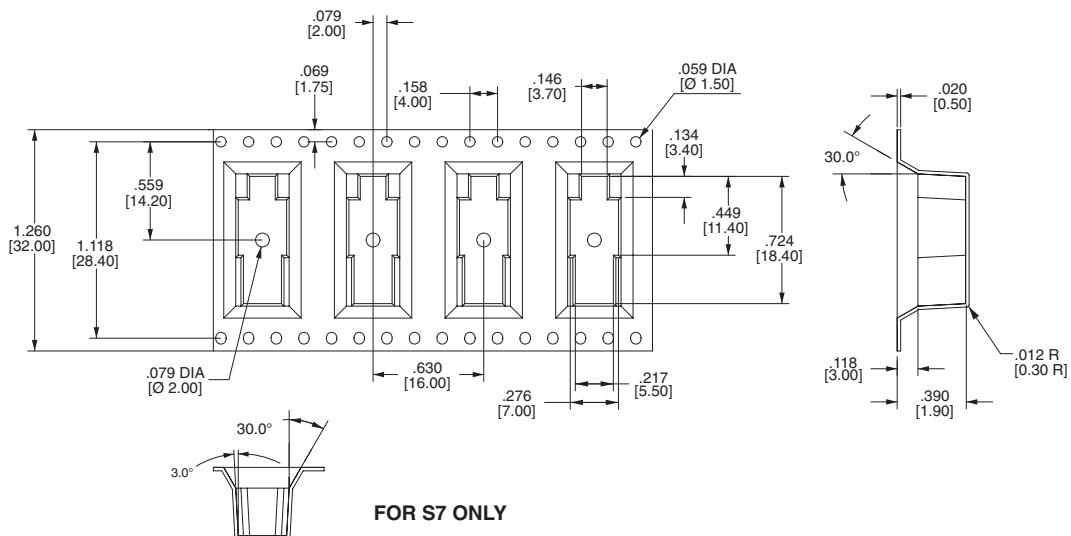
PC MOUNTING



REEL TAPING



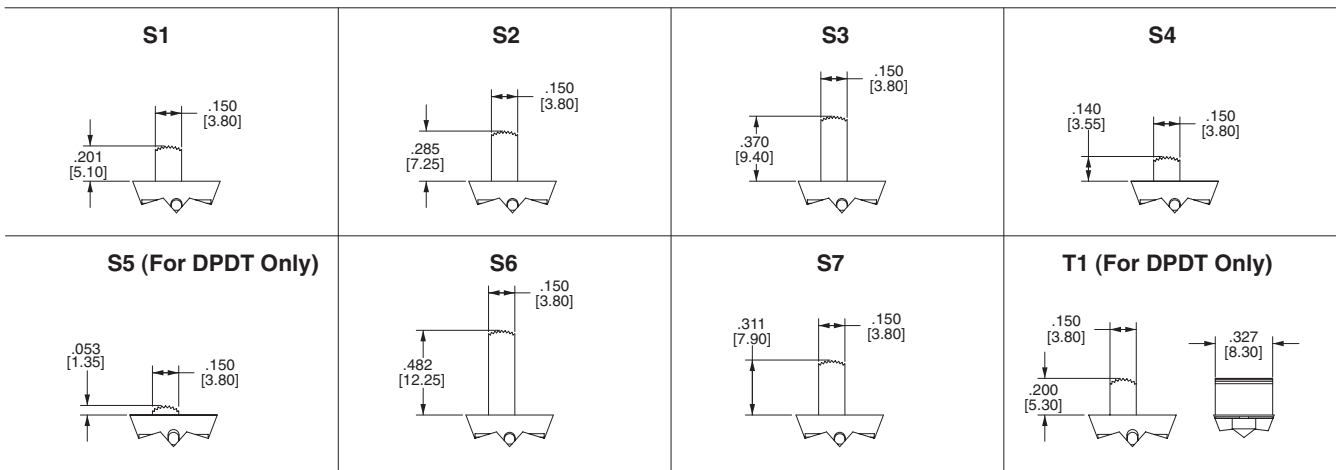
FOR S6, L6 ONLY



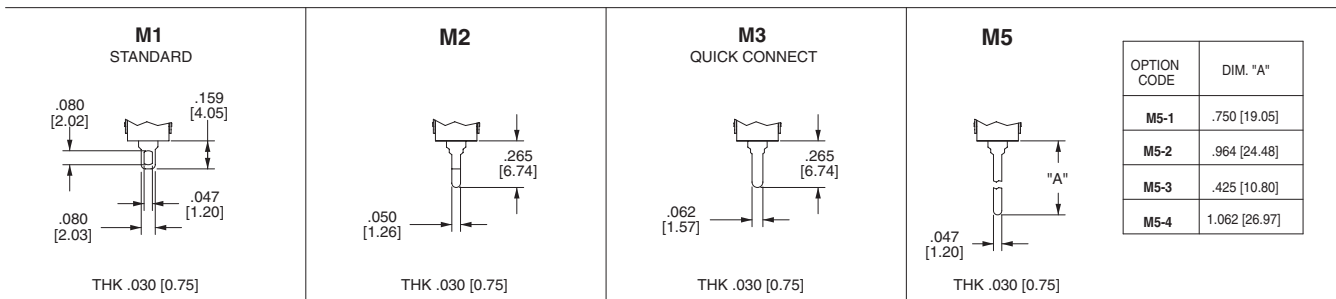
FOR S7 ONLY

4M1-Series Dimensional Specifications: in. [mm]

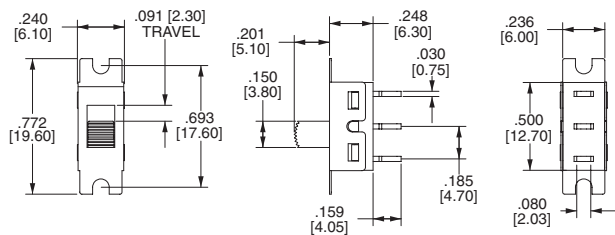
ACTUATOR



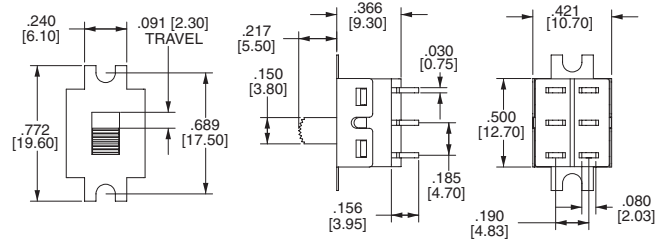
TERMINATION



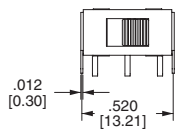
SINGLE POLE



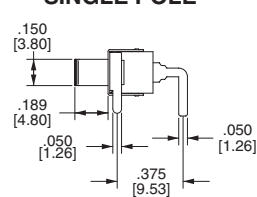
DOUBLE POLE



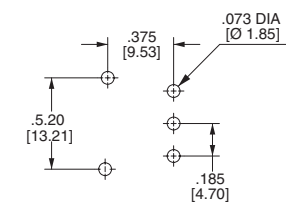
M6



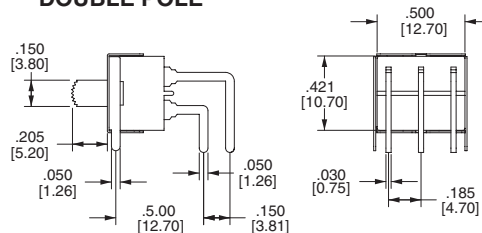
SINGLE POLE



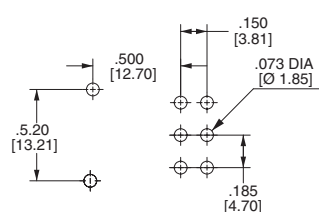
PC MOUNTING



DOUBLE POLE



PC MOUNTING



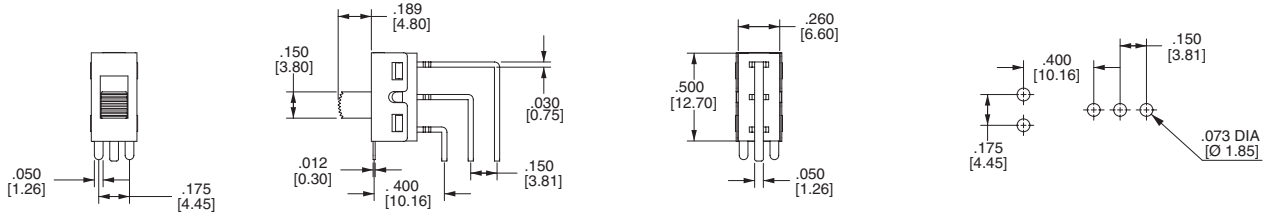
4M1-Series Dimensional Specifications: in. [mm]

TERMINATION

M7

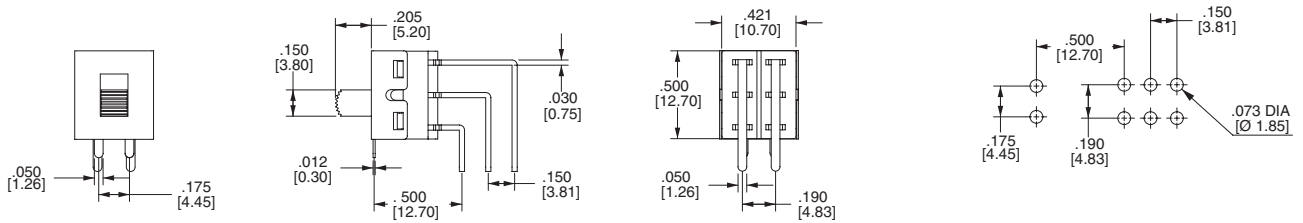
SINGLE POLE

PC MOUNTING



DOUBLE POLE

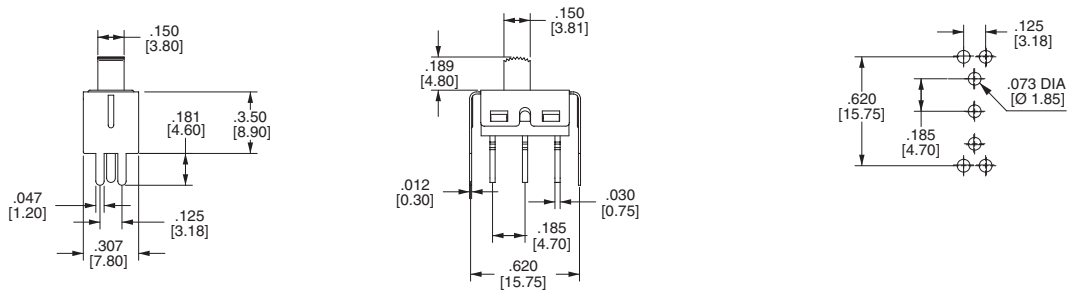
PC MOUNTING



VS2

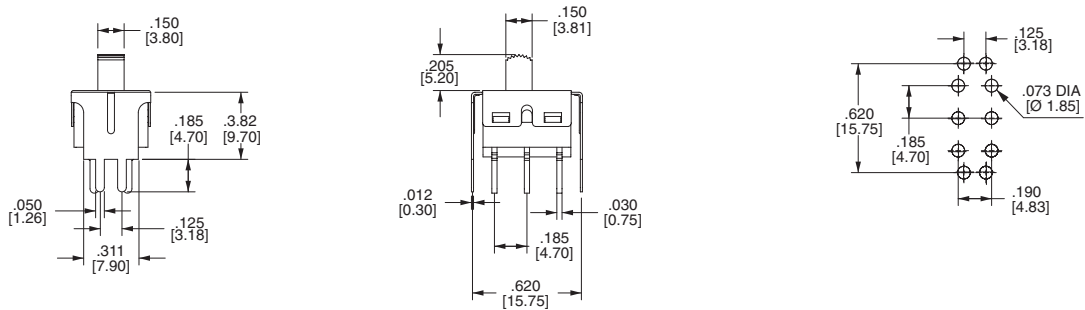
SINGLE POLE

PC MOUNTING



DOUBLE POLE

PC MOUNTING



Компания «Океан Электроники» предлагает заключение долгосрочных отношений при поставках импортных электронных компонентов на взаимовыгодных условиях!

Наши преимущества:

- Поставка оригинальных импортных электронных компонентов напрямую с производств Америки, Европы и Азии, а так же с крупнейших складов мира;
- Широкая линейка поставок активных и пассивных импортных электронных компонентов (более 30 млн. наименований);
- Поставка сложных, дефицитных, либо снятых с производства позиций;
- Оперативные сроки поставки под заказ (от 5 рабочих дней);
- Экспресс доставка в любую точку России;
- Помощь Конструкторского Отдела и консультации квалифицированных инженеров;
- Техническая поддержка проекта, помощь в подборе аналогов, поставка прототипов;
- Поставка электронных компонентов под контролем ВП;
- Система менеджмента качества сертифицирована по Международному стандарту ISO 9001;
- При необходимости вся продукция военного и аэрокосмического назначения проходит испытания и сертификацию в лаборатории (по согласованию с заказчиком);
- Поставка специализированных компонентов военного и аэрокосмического уровня качества (Xilinx, Altera, Analog Devices, Intersil, Interpoint, Microsemi, Actel, Aeroflex, Peregrine, VPT, Syfer, Eurofarad, Texas Instruments, MS Kennedy, Miteq, Cobham, E2V, MA-COM, Hittite, Mini-Circuits, General Dynamics и др.);

Компания «Океан Электроники» является официальным дистрибьютором и эксклюзивным представителем в России одного из крупнейших производителей разъемов военного и аэрокосмического назначения «JONHON», а так же официальным дистрибьютором и эксклюзивным представителем в России производителя высокотехнологичных и надежных решений для передачи СВЧ сигналов «FORSTAR».



JONHON

«JONHON» (основан в 1970 г.)

Разъемы специального, военного и аэрокосмического назначения:

(Применяются в военной, авиационной, аэрокосмической, морской, железнодорожной, горно- и нефтедобывающей отраслях промышленности)

«FORSTAR» (основан в 1998 г.)

ВЧ соединители, коаксиальные кабели,
кабельные сборки и микроволновые компоненты:

(Применяются в телекоммуникациях гражданского и специального назначения, в средствах связи, РЛС, а так же военной, авиационной и аэрокосмической отраслях промышленности).



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