

Feature -

Multiple keys and poles
interlock and individual lock

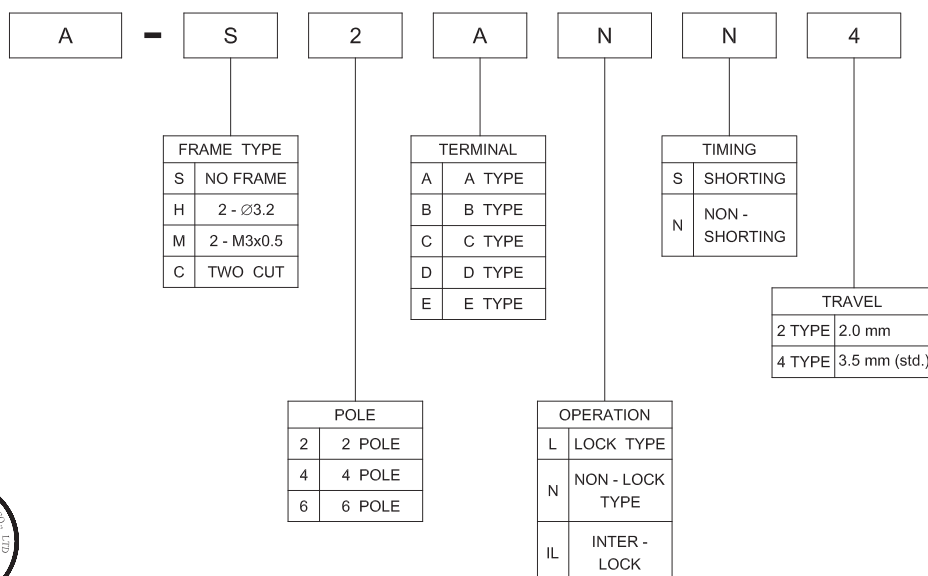
Application -

various switching purpose
in all home electronic equipments
and industrial electronic equipments

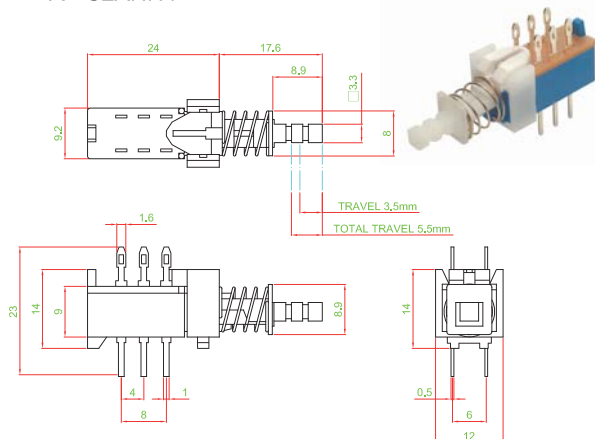
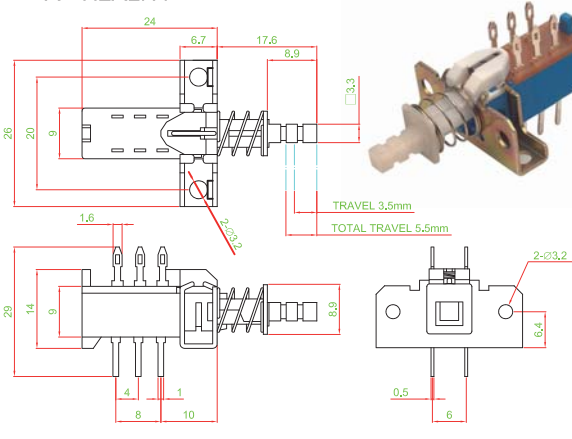
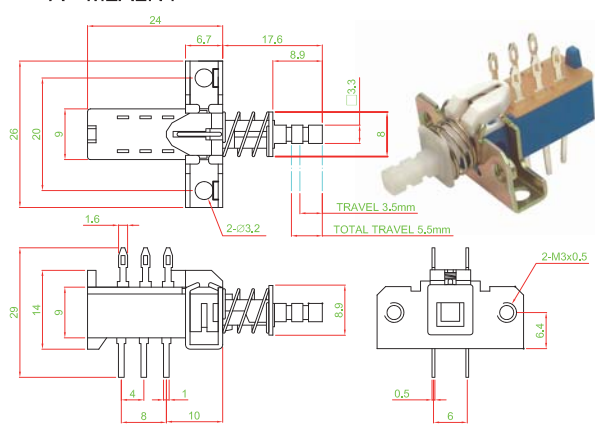
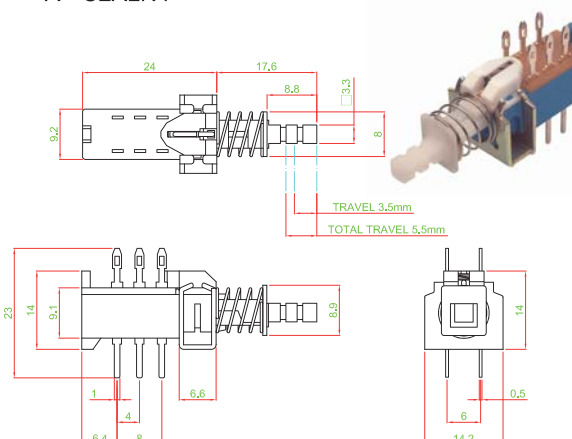
► **SPECIFICATIONS**

SWITCH SPECIFICATIONS	
POLE - POSITION	2P2T , 4P2T , Momentary and Lock Type are Available
CONTACT RATING	100 V AC , 0.5 A ; 250 V AC , 0.2 A ; 25 V D , 1A
CONTACT RESISTANCE	40 mΩ MAX. 1.5 V DC ; 100 mA , by Method of Voltage DROP
INSULATION RESISTANCE	100 MΩ MIN. 500 V DC
DIELECTRIC STRENGTH	Breakdown is not Allowable ; 500 V AC for 1 Minute
OPERATING FORCE	2P2T - 250 ± 100gf 4P2T - 350 ± 100gf
OPERATING LIFE	10,000 cycles
OPERATING TEMPERATURE RANGE	-20°C ~ 70°C
TOTAL TRAVEL	5.5 (or 3.5) ± 0.3 mm

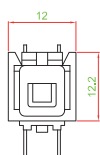
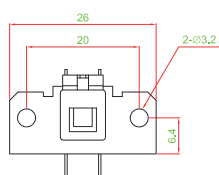
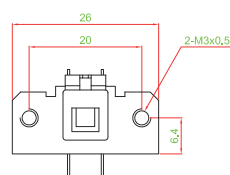
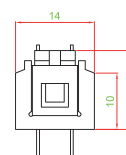
► **HOW TO ORDER**



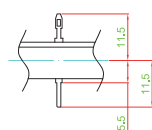
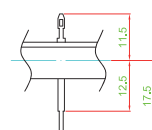
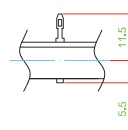
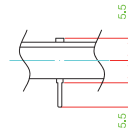
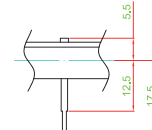
► DIMENSION

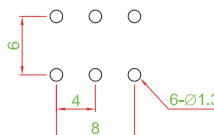
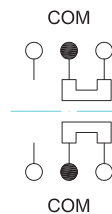
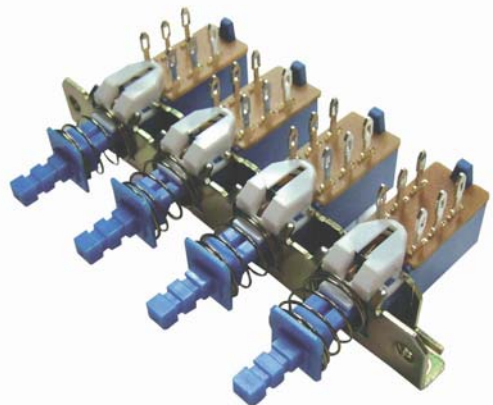
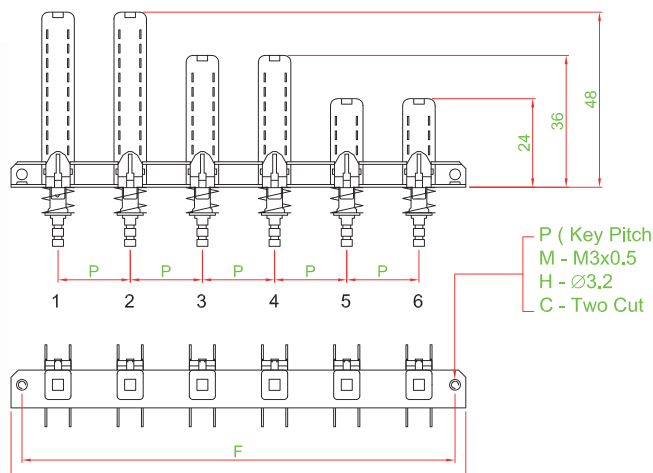
A - S2ANN4

A - H2ALN4

A - M2ALN4

A - C2ALN4


► FRAME TYPE

S TYPE

H TYPE

M TYPE

C TYPE


► FRAME TYPE

A

B

C

D

E


▶ P.C.B LAYOUT	▶ SCHEMATIC	▶ POLE & LENGTH																																																																																																																																																																																
		<table border="1"><thead><tr><th>POLE</th><th>2</th><th>4</th><th>6</th></tr></thead><tbody><tr><th>L(mm)</th><td>24</td><td>36</td><td>48</td></tr></tbody></table> ▶ MATERIAL ■ ACTUATOR : POM ■ TERMINAL : BRASS SILVER PLATING ■ BASE FRAME : PA + GF ■ SPRING : STAINLESS STEEL	POLE	2	4	6	L(mm)	24	36	48																																																																																																																																																																								
POLE	2	4	6																																																																																																																																																																															
L(mm)	24	36	48																																																																																																																																																																															
▶ INTER-LOCK & LENGTH																																																																																																																																																																																		
	 P (Key Pitch) M - M3x0.5 H - Ø3.2 C - Two Cut																																																																																																																																																																																	
<table border="1"><thead><tr><th>SIZE PITCH</th><th></th><th>G</th><th>F</th><th></th><th>G</th><th>F</th><th></th><th>G</th><th>F</th><th></th><th>G</th><th>F</th><th></th><th>G</th><th>F</th></tr></thead><tbody><tr><td>10</td><td></td><td>26</td><td>20</td><td></td><td>46</td><td>40</td><td></td><td>66</td><td>60</td><td></td><td>86</td><td>80</td><td></td><td>106</td><td>100</td></tr><tr><td>12.5</td><td>1</td><td>24</td><td>18</td><td>3</td><td>51</td><td>45</td><td>5</td><td>76</td><td>70</td><td>7</td><td>101</td><td>95</td><td>9</td><td>126</td><td>120</td></tr><tr><td>15</td><td></td><td></td><td></td><td></td><td>56</td><td>50</td><td></td><td>86</td><td>80</td><td></td><td>116</td><td>110</td><td></td><td>146</td><td>140</td></tr><tr><td>17.5</td><td>F</td><td></td><td></td><td>F</td><td>61</td><td>55</td><td>F</td><td>96</td><td>90</td><td>F</td><td>131</td><td>125</td><td>F</td><td>166</td><td>160</td></tr><tr><td>20</td><td></td><td></td><td></td><td></td><td>66</td><td>60</td><td></td><td>106</td><td>100</td><td></td><td>146</td><td>140</td><td></td><td>186</td><td>180</td></tr><tr><td>10</td><td></td><td>36</td><td>30</td><td></td><td>56</td><td>50</td><td></td><td>76</td><td>70</td><td></td><td>96</td><td>90</td><td></td><td>116</td><td>110</td></tr><tr><td>12.5</td><td>2</td><td>38.5</td><td>32.5</td><td>4</td><td>63.5</td><td>57.5</td><td>6</td><td>88.5</td><td>82.5</td><td>8</td><td>113.5</td><td>107.5</td><td>10</td><td>138.5</td><td>132.5</td></tr><tr><td>15</td><td></td><td>41</td><td>35</td><td></td><td>71</td><td>65</td><td></td><td>101</td><td>95</td><td></td><td>131</td><td>125</td><td></td><td>161</td><td>155</td></tr><tr><td>17.5</td><td>F</td><td>43.5</td><td>37.5</td><td>F</td><td>78.5</td><td>72.5</td><td>F</td><td>113.5</td><td>107.5</td><td>F</td><td>148.5</td><td>142.5</td><td>F</td><td>183.5</td><td>177.5</td></tr><tr><td>20</td><td></td><td>46</td><td>40</td><td></td><td>86</td><td>80</td><td></td><td>126</td><td>120</td><td></td><td>166</td><td>160</td><td></td><td>206</td><td>200</td></tr></tbody></table>			SIZE PITCH		G	F		G	F		G	F		G	F		G	F	10		26	20		46	40		66	60		86	80		106	100	12.5	1	24	18	3	51	45	5	76	70	7	101	95	9	126	120	15					56	50		86	80		116	110		146	140	17.5	F			F	61	55	F	96	90	F	131	125	F	166	160	20					66	60		106	100		146	140		186	180	10		36	30		56	50		76	70		96	90		116	110	12.5	2	38.5	32.5	4	63.5	57.5	6	88.5	82.5	8	113.5	107.5	10	138.5	132.5	15		41	35		71	65		101	95		131	125		161	155	17.5	F	43.5	37.5	F	78.5	72.5	F	113.5	107.5	F	148.5	142.5	F	183.5	177.5	20		46	40		86	80		126	120		166	160		206	200
SIZE PITCH		G	F		G	F		G	F		G	F		G	F																																																																																																																																																																			
10		26	20		46	40		66	60		86	80		106	100																																																																																																																																																																			
12.5	1	24	18	3	51	45	5	76	70	7	101	95	9	126	120																																																																																																																																																																			
15					56	50		86	80		116	110		146	140																																																																																																																																																																			
17.5	F			F	61	55	F	96	90	F	131	125	F	166	160																																																																																																																																																																			
20					66	60		106	100		146	140		186	180																																																																																																																																																																			
10		36	30		56	50		76	70		96	90		116	110																																																																																																																																																																			
12.5	2	38.5	32.5	4	63.5	57.5	6	88.5	82.5	8	113.5	107.5	10	138.5	132.5																																																																																																																																																																			
15		41	35		71	65		101	95		131	125		161	155																																																																																																																																																																			
17.5	F	43.5	37.5	F	78.5	72.5	F	113.5	107.5	F	148.5	142.5	F	183.5	177.5																																																																																																																																																																			
20		46	40		86	80		126	120		166	160		206	200																																																																																																																																																																			
▶ MULTI - KEY TYPE AND INTER-LOCK TYPE																																																																																																																																																																																		
FRAME TYPE M ☐ M3x0.5 H ☐ Ø3.2 C ☐ TWO CUT																																																																																																																																																																																		
<table border="1"><thead><tr><th>KEY</th><th>1</th><th>2</th><th>3</th><th>4</th><th>5</th><th>6</th><th>7</th><th>8</th><th>9</th><th>10</th><th>11</th><th>12</th><th>13</th><th>14</th><th>15</th><th>16</th></tr></thead><tbody><tr><td>OPTION / 選項</td><td></td><td></td><td></td><td></td><td></td><td></td><td></td><td></td><td></td><td></td><td></td><td></td><td></td><td></td><td></td><td></td></tr><tr><td>POLE / 回路數</td><td></td><td></td><td></td><td></td><td></td><td></td><td></td><td></td><td></td><td></td><td></td><td></td><td></td><td></td><td></td><td></td></tr><tr><td>TERMINAL TYPE / 端子</td><td></td><td></td><td></td><td></td><td></td><td></td><td></td><td></td><td></td><td></td><td></td><td></td><td></td><td></td><td></td><td></td></tr><tr><td>OPERATING / 動作</td><td></td><td></td><td></td><td></td><td></td><td></td><td></td><td></td><td></td><td></td><td></td><td></td><td></td><td></td><td></td><td></td></tr><tr><td>TIMING N / S</td><td></td><td></td><td></td><td></td><td></td><td></td><td></td><td></td><td></td><td></td><td></td><td></td><td></td><td></td><td></td><td></td></tr><tr><td>TRAVEL / 行程</td><td></td><td></td><td></td><td></td><td></td><td></td><td></td><td></td><td></td><td></td><td></td><td></td><td></td><td></td><td></td><td></td></tr><tr><td>KNOB</td><td></td><td></td><td></td><td></td><td></td><td></td><td></td><td></td><td></td><td></td><td></td><td></td><td></td><td></td><td></td><td></td></tr><tr><td>PITCH / 間距</td><td colspan="16">☐ 10mm ☐ 12.5mm ☐ 15mm ☐ 17.5mm ☐ 20mm ☐ 25mm ☐ 30mm</td></tr></tbody></table>			KEY	1	2	3	4	5	6	7	8	9	10	11	12	13	14	15	16	OPTION / 選項																	POLE / 回路數																	TERMINAL TYPE / 端子																	OPERATING / 動作																	TIMING N / S																	TRAVEL / 行程																	KNOB																	PITCH / 間距	☐ 10mm ☐ 12.5mm ☐ 15mm ☐ 17.5mm ☐ 20mm ☐ 25mm ☐ 30mm																																						
KEY	1	2	3	4	5	6	7	8	9	10	11	12	13	14	15	16																																																																																																																																																																		
OPTION / 選項																																																																																																																																																																																		
POLE / 回路數																																																																																																																																																																																		
TERMINAL TYPE / 端子																																																																																																																																																																																		
OPERATING / 動作																																																																																																																																																																																		
TIMING N / S																																																																																																																																																																																		
TRAVEL / 行程																																																																																																																																																																																		
KNOB																																																																																																																																																																																		
PITCH / 間距	☐ 10mm ☐ 12.5mm ☐ 15mm ☐ 17.5mm ☐ 20mm ☐ 25mm ☐ 30mm																																																																																																																																																																																	

Mouser Electronics

Authorized Distributor

Click to View Pricing, Inventory, Delivery & Lifecycle Information:

Well Buying:

[A-C2ELN4-1](#) [A-S2DNN2](#) [A-M2DLN2](#) [A-C4ALN2](#) [A-M2CLN2](#) [A-C2DNN4](#)