

Discontinuation Notice of Subminiature Toggle Switch A9T series.

Product Discontinuation

Subminiature Toggle Switch

Model A9T[]1 series

Model A9T[]2 series

Model A9T[]3 series

Model A9T[]4 series

Model A9T[]5 series



Recommended Replacement

Ultra Subminiature Toggle Switch

Model A9TS[]1 series

Model A9TS[]2 series

No recommended replacement

No recommended replacement

No recommended replacement

[Discontinuation date]

The end of March, 2014

[Caution on recommended replacement]

A9TS series are same mounting dimensions as A9T series.

But outline dimensions are smaller than A9T series.

[Difference from discontinued product]

Recommended replacement Model	Body Color	Dimensions	Wire connection	Mounting Dimensions	Characteristics	Operation ratings	Operation methods
A9TS[]1 series	--	--	**	*	*	*	**
A9TS[]2 series	--	--	**	*	*	*	**

** : Compatible

* : The change is a little/Almost compatible

-- : Not compatible



- : No corresponding specification

[Product Discontinuation and recommended replacement]

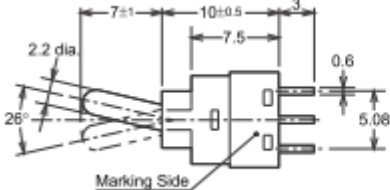
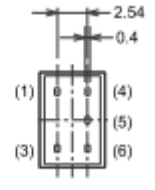
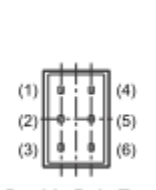
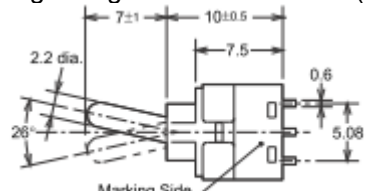
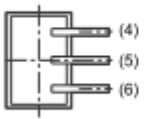
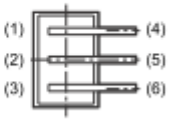
Product discontinuation	Recommended replacement
A9T11-0011	A9TS11-0011
A9T11-0012	A9TS11-0012
A9T11-0013	A9TS11-0013
A9T21-0011	A9TS21-0011
A9T21-0012	A9TS21-0012
A9T21-0013	A9TS21-0013
A9T12-0011	A9TS12-0011
A9T12-0012	A9TS12-0012
A9T12-0013	A9TS12-0013
A9T22-0011	A9TS22-0011
A9T22-0012	A9TS22-0012
A9T22-0013	A9TS22-0013
A9T13-0011	No recommended replacement

Product discontinuation	Recommended replacement
A9T13-0012	No recommended replacement
A9T13-0013	No recommended replacement
A9T23-0011	No recommended replacement
A9T23-0012	No recommended replacement
A9T23-0013	No recommended replacement
A9T14-0011	No recommended replacement
A9T14-0012	No recommended replacement
A9T14-0013	No recommended replacement
A9T24-0011	No recommended replacement
A9T24-0012	No recommended replacement
A9T24-0013	No recommended replacement
A9T15-0011	No recommended replacement
A9T15-0012	No recommended replacement
A9T15-0013	No recommended replacement
A9T25-0011	No recommended replacement
A9T25-0012	No recommended replacement
A9T25-0013	No recommended replacement

[Body color]

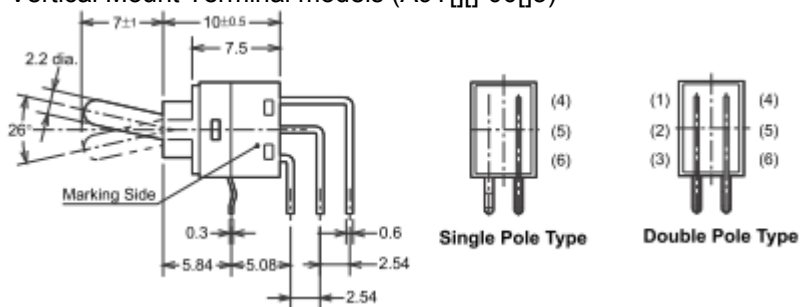
Product discontinuation Model A9T series	Recommendable replacement Model A9TS series
<p>Green</p> 	<p>Black</p> 

[Wire connection]

Product discontinuation Model A9T series	
<p>Terminal arrangement DIP Terminal models (A9T□□-00□1)</p> 	
 <p>Single Pole Type</p>	 <p>Double Pole Type</p>
<p>Right Angle Terminal models (A9T□□-00□2)</p> 	
 <p>Single Pole Type</p>	 <p>Double Pole Type</p>

**Product discontinuation
Model A9T series**

Vertical Mount Terminal models (A9T□□-00□3)



Wire connection

	Switching Functions			Contact Forms		
SPDT Models	ON	—	ON		—	
	ON	OFF	ON			
	(ON)	—	ON		—	
	(ON)	OFF	(ON)			
	(ON)	OFF	ON			
DPDT Models	ON	—	ON		—	
	ON	OFF	ON			
	(ON)	—	ON		—	
	(ON)	OFF	(ON)			
	(ON)	OFF	ON			

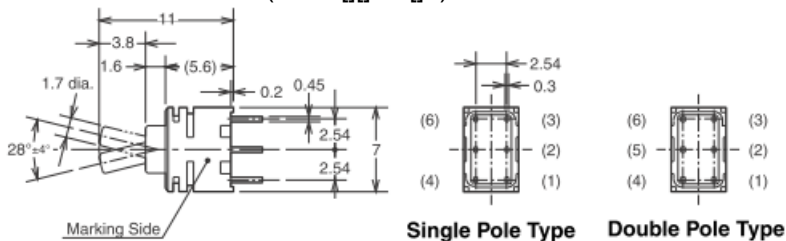
Note: (ON) shows Momentary.

Switching Functions	Models
ON — ON	A9T□1
ON OFF ON	A9T□2
(ON) — ON	A9T□3
(ON) OFF (ON)	A9T□4
(ON) OFF ON	A9T□5

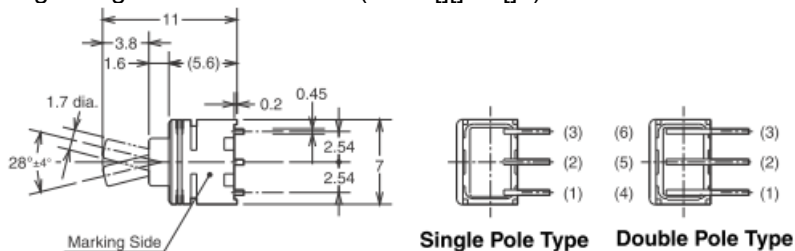
**Recommendable replacement
Model A9TS series**

Terminal arrangement

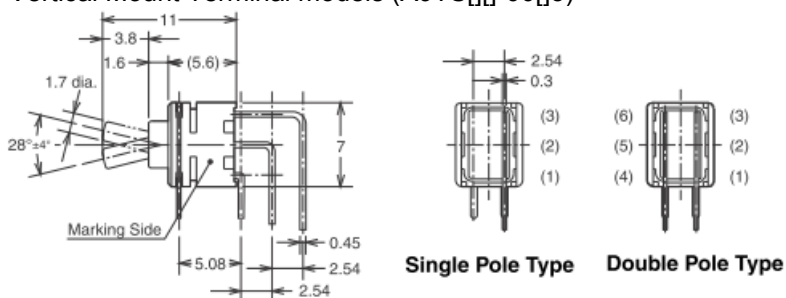
DIP Terminal models (A9TS□□-00□1)



Right Angle Terminal models (A9TS□□-00□2)



Vertical Mount Terminal models (A9TS□□-00□3)



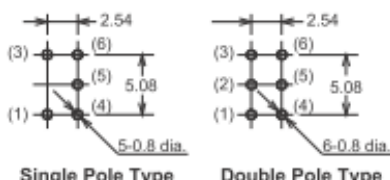
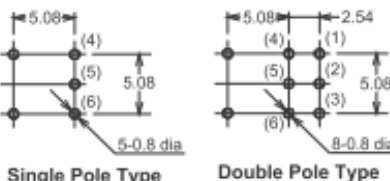
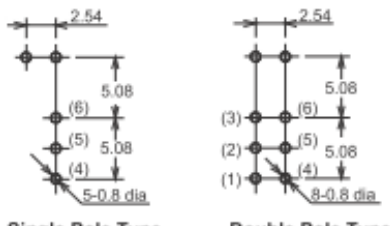
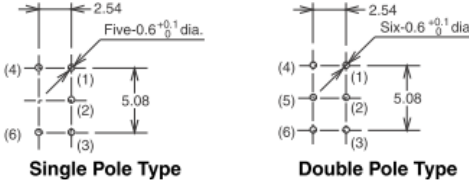
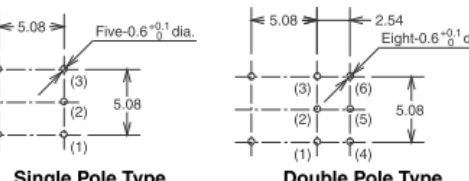
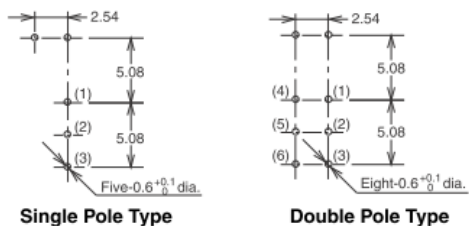
Wire connection

	Switching Functions					
SPDT Models	ON	-	ON		-	
	ON	OFF	ON			
DPDT Models	ON	-	ON		-	
	ON	OFF	ON			

Note: Lever do not stop at "-" position.

Switching Functions			Models
ON	-	ON	A9TS□□1
ON	OFF	ON	A9TS□□2

[Mounting dimensions]

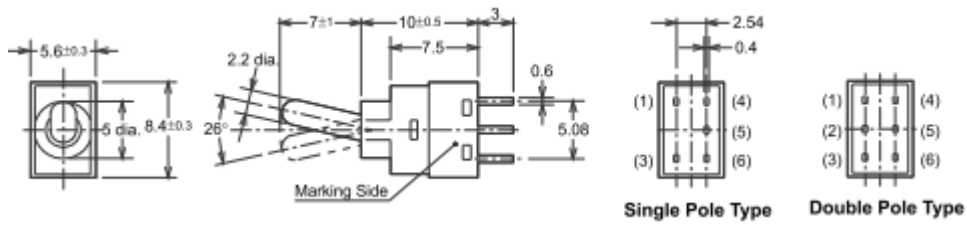
<p align="center">Product discontinuation Model A9T series</p>	<p align="center">Recommendable replacement Model A9TS series</p>
<p>PCB Dimensions (Top view) DIP Terminal models (A9T□□-00□1)</p>  <p>Single Pole Type Double Pole Type</p> <p>Right Angle Terminal models (A9T□□-00□2)</p>  <p>Single Pole Type Double Pole Type</p> <p>Vertical Mount Terminal models (A9T□□-00□3)</p>  <p>Single Pole Type Double Pole Type</p>	<p>PCB Dimensions (Top view) DIP Terminal models (A9TS□□-00□1)</p>  <p>Single Pole Type Double Pole Type</p> <p>Right Angle Terminal models (A9TS□□-00□2)</p>  <p>Single Pole Type Double Pole Type</p> <p>Vertical Mount Terminal models (A9TS□□-00□3)</p>  <p>Single Pole Type Double Pole Type</p>

[Dimensions]

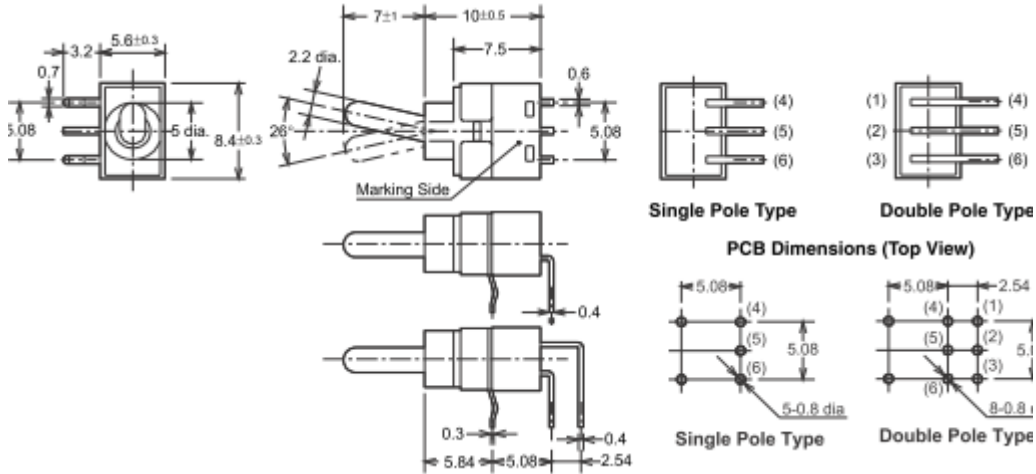
Product discontinuation
Model A9T series

Dimensions

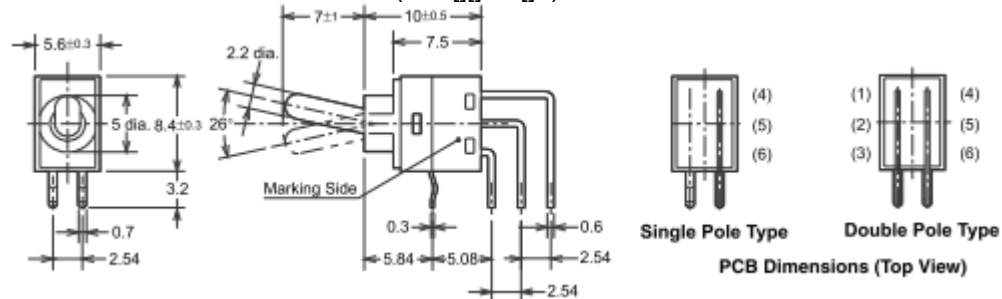
DIP Terminal models (A9T□□-00□1)



Right Angle Terminal models (A9T□□-00□2)



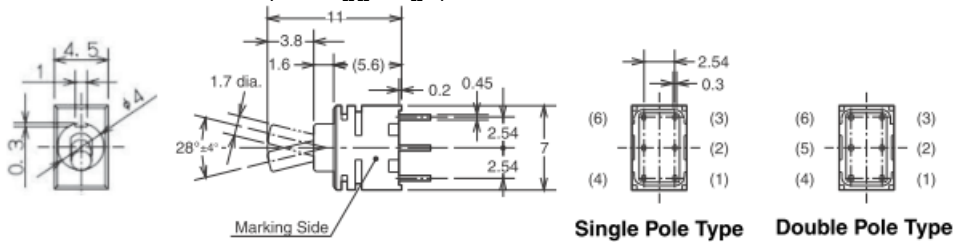
Vertical Mount Terminal models (A9T□□-00□3)



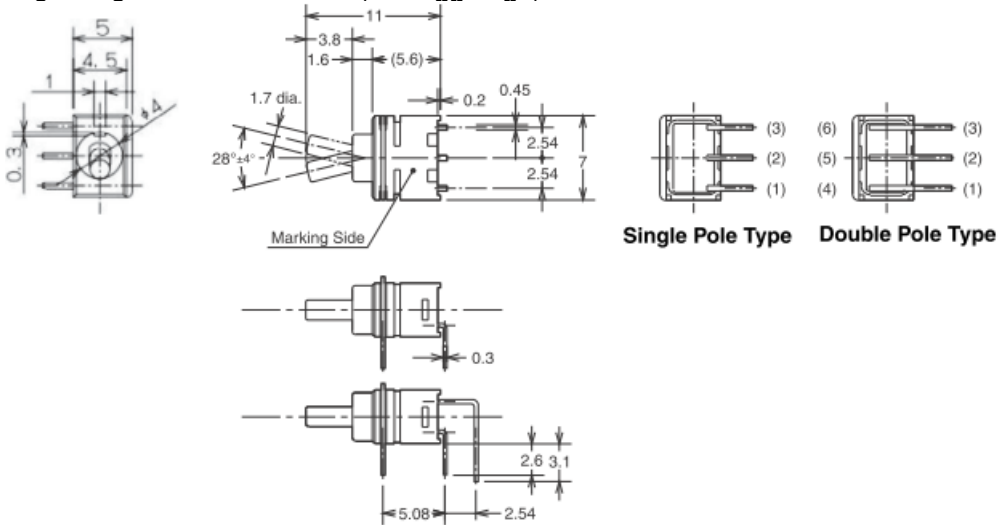
**Recommendable replacement
Model A9TS series**

Dimensions

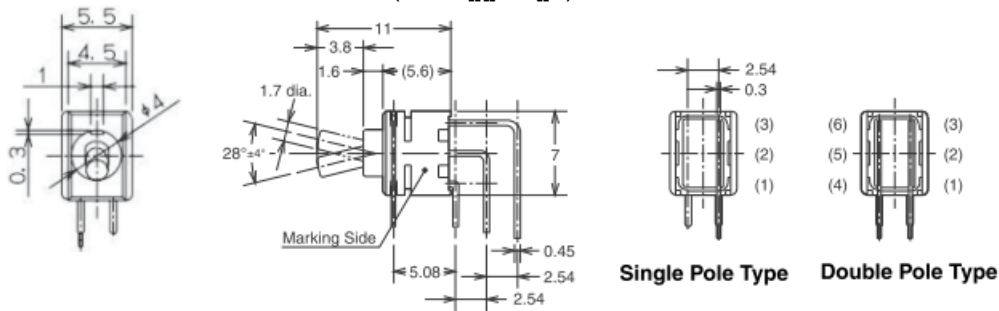
DIP Terminal models (A9TS□□-00□1)



Right Angle Terminal models (A9TS□□-00□2)



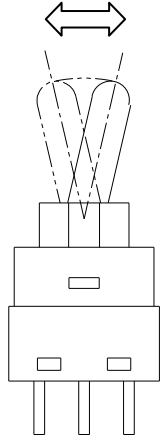
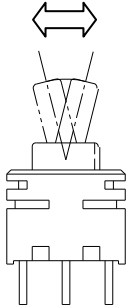
Vertical Mount Terminal models (A9TS□□-00□3)



[Characteristics]

Item	Product discontinuation Model A9T series	Recommendable replacement Model A9TS series
Ratings	AC/DC60V 50mA AC/DC20mV 1 μ A	AC/DC28V 14mA AC/DC20mV 0.1 μ A
Ambient operating temperature	-20°C to 80°C 60%RH max.	-20°C to 80°C 60%RH max.
Ambient operating humidity	45 to 85%RH (at 5 to 35°C)	45 to 85%RH (at 5 to 35°C)
Durability (Electrical)	50,000 operations min.	50,000 operations min.
Operating force	0.49 to 3.43N	4.9N max.
Contact resistance	50m Ω max.	80m Ω max.

[Operation methods]

Product discontinuation Model A9T series	Recommendable replacement Model A9TS series
<p>Move right and left</p> 	<p>Move right and left</p> 

Specifications and prices in this product news are as of the issue date and are subject to change without notice. Only main changes in specifications are described in this document. Please be sure to read the relevant catalogs, datasheets, product specifications, instructions, and manuals for precautions and necessary information when using products.