

RoHS Compliant This product is RoHS compliant.

## A SERIES (GEMINI SERIES) MINIATURE TOGGLE SWITCHES

### Specifications:

- Contact rating: Gold - 0.4VA @ 20 VAC/DC; silver - 2A @ 250VAC, 5A @ 125VAC
- Terminal seal: Epoxy
- Case material: Thermoset
- Contact timing: Break before make
- Actuation force: Momentary - 950g max.; maintained - 1750g max.
- Actuator travel: 25°
- Life expectancy: 30,000 cycles

( ) Momentary

For quantities greater than listed, call for quote.

MOUSER STOCK NO.	Alcoswitch Part No.	TE Part No.	Fig.	Type	Circuit	Price Each		
						1	10	25
<b>Standard Actuator; Silver Contact Material: Wire Lug</b>								
506-A101SYZQ04	A101SYZQ04	4-1825136-9	A	SPDT	On-None-On	2.16	2.08	1.96
506-A103SYZQ04	A103SYZQ04	2-1825137-0	A	SPDT	On-Off-On	4.40	4.22	3.87
506-A105SYZQ04	A105SYZQ04	3-1825137-9	A	SPDT	(On)-Off-(On)	3.66	3.32	3.17
506-A107SYZQ04	A107SYZQ04	5-1825137-2	A	SPDT	On-Off-(On)	3.61	3.28	3.15
506-A108SYZQ04	A108SYZQ04	6-1825136-4	A	SPDT	On-None-(On)	2.43	2.15	1.95
506-A201SYZQ04	A201SYZQ04	2-1825138-8	B	DPDT	On-None-On	3.14	2.85	2.73
506-A203SYZQ04	A203SYZQ04	1-1825139-0	B	DPDT	On-Off-On	3.43	3.11	2.99
506-A205SYZQ04	A205SYZQ04	1-1825139-8	B	DPDT	(On)-Off-(On)	4.11	3.73	3.58
506-A207SYZQ04	A207SYZQ04	2-1825139-4	B	DPDT	On-Off-(On)	3.33	3.03	2.81
506-A208SYZQ04	A208SYZQ04	3-1825138-8	B	DPDT	On-None-(On)	3.65	3.31	3.18
<b>Standard Actuator; Gold Contact Material: PCB</b>								
506-A101SYCB04	A101SYCB04	4-1825136-4	C	SPDT	On-None-On	3.22	2.90	2.64
506-A103SYCB04	A103SYCB04	1-1825137-5	C	SPDT	On-Off-On	3.90	3.49	3.17
506-A105SYCB04	A105SYCB04	3-1825137-6	C	SPDT	(On)-Off-(On)	3.63	3.30	3.17
506-A107SYCB04	A107SYCB04	5-1825137-0	C	SPDT	On-Off-(On)	3.32	3.01	2.89
506-A108SYCB04	A108SYCB04	6-1825136-2	C	SPDT	On-None-(On)	3.54	3.21	2.95
506-A201SYCB04	A201SYCB04	2-1825138-4	D	DPDT	On-None-On	3.74	3.40	3.27
506-A203SYCB04	A203SYCB04	1825139-8	D	DPDT	On-Off-On	4.44	4.03	3.87
506-A205SYCB04	A205SYCB04	1-1825139-6	D	DPDT	(On)-Off-(On)	3.75	3.40	3.27
506-A208SYCB04	A208SYCB04	3-1825138-6	D	DPDT	On-None-(On)	3.07	2.72	2.46
<b>Flatted Actuator; Silver Contact Material: Wire Lug</b>								
506-A103P3YZQ04	A103P3YZQ04	1825137-6	E	SPDT	On-Off-On	4.12	3.75	3.59
506-A107P3ZQ04	A107P3ZQ04	4-1825137-8	E	SPDT	On-Off-(On)	5.51	5.00	4.80
<b>Locking Actuator; Silver Contact Material: Wire Lug</b>								
506-A101KZQ04	A101KZQ04	1825136-7	F	SPDT	On-None-On	4.82	4.39	4.20
506-A201KZQ04	A201KZQ04	1825138-3	G	DPDT	On-None-On	4.62	4.19	4.02

## MTA/MTA-PC SERIES (GREEN SERIES) 6A TOGGLE SWITCHES

### Specifications:

- Contact rating: 6A @ 125VAC, 3A @ 250VAC
- Terminal seal: Insert molded
- Each switch supplied with: (2) 1/4-4C UNS-2B hex nuts (1) Internal tooth lockwasher (1) Locating ring
- Contact material: Gold flash over silver
- Mechanical life expectancy: 2 Pos. - 150,000; 3 Pos. - 100,000; 4 Pos. - 60,000 hrs.
- MTA-PC has PC tail
- Actuation force: .05-1.5kg
- Actuator travel: 24°
- High torque bushing shoulder standard
- Contact timing: Break before make

( ) Momentary

For quantities greater than listed, call for quote.

MOUSER STOCK NO.	Alcoswitch Part No.	TE Part No.	Fig.	Type	Circuit	Price Each		
						1	10	25
<b>Wire Lug Terminals</b>								
506-MTA106D	MTA106D	1-1437558-0	H	SPDT	On-None-On	5.98	5.32	4.78
506-MTA106E	MTA106E	1-1437558-2	H	SPDT	On-Off-On	10.67	9.72	9.17
506-MTA106F	MTA106F	1-1437558-4	H	SPDT	On-None-(On)	10.15	9.25	8.72
506-MTA106G	MTA106G	1-1437558-6	H	SPDT	(On)-Off-(On)	11.29	10.30	9.71
506-MTA206N	MTA206N	2-1437558	I	DPDT	On-None-On	7.66	6.65	6.07
506-MTA206P	MTA206P	2-1437558-2	I	DPDT	On-Off-On	13.46	12.28	11.57
506-MTA206R	MTA206R	2-1437558-7	I	DPDT	On-None-(On)	13.05	12.58	11.87
506-MTA306D	MTA306D	3-1437558-5	J	3PDT	On-None-On	20.44	18.64	17.56
506-MTA406N	MTA406N	4-1437558-3	K	4PDT	On-None-On	20.28	19.79	19.11
506-MTA106DPC	MTA106DPC	1-1437558-1	L	SPDT	On-None-On	7.02	6.40	6.03
<b>Accessories for MTA Series</b>								
506-B1440004	B1440004	1825612-1	M		Black 1/4-40 toggle switch boot seal	6.35	5.80	5.46

## TT SERIES: TINY TOGGLE SWITCHES

### Specifications:

- Contact rating: Gold - 0.4VA; Silver - 3A
- Terminal seal: Epoxy on single pole, optional on double pole
- Contact material: Gold over nickel or silver plate
- Dielectric strength: 1000Vrms
- Actuator Travel: 26°
- High torque bushing shoulder standard
- Contact timing: Break before make

For quantities greater than listed, call for quote.

MOUSER STOCK NO.	Alcoswitch Part No.	TE Part No.	Fig.	Type	Circuit	Terminal	Price Each		
							1	10	25
<b>With Unthreaded Bushing</b>									
506-TT11AGPC104	TT11AGPC104	1825219-2	N	SPST	On-None-Off	PCB	11.13	10.14	9.55
506-TT11DGPC1	TT11DGPC1	2-1437561-6	N	SPDT	On-None-On	PCB	6.60	6.02	5.67
506-TT11EGPC1	TT11EGPC1	5-1437561-1	N	SPDT	On-None-On	PCB	10.58	9.37	8.47
506-TT21NGPC1	TT21NGPC1	1437562-3	O	DPDT	On-None-On	PCB	17.02	15.54	14.64
<b>With 1/4-40 Bushing</b>									
506-TT21NGPC9T1/4	TT21NGPC9T1/4	1-1437562-1	P	DPDT	On-None-On	PCB	14.79	13.10	11.92
506-TT41NGPC9T1/4	TT41NGPC9T1/4	6-1437562-8	Q	4PDT	On-None-On	PCB	42.31	38.59	36.36
506-TT13A9T1/404	TT13A9T1/404	8-1437561-4	R	SPST	On-None-Off	Wire lug	14.22	13.90	13.41
<b>With 10-48 Bushing</b>									
506-TT13A2T	TT13A2T	7-1437561-8	S	SPST	On-None-Off	Wire lug	17.46	15.92	15.00
506-TT13E3T	TT13E3T	9-1437561-6	T	SPDT	On-Off-On	Wire lug	25.82	23.54	22.16
506-TT23N2T	TT23N2T	1825222-7	U	DPDT	On-None-On	Wire lug	17.93	16.36	15.41
506-TT43N2T	TT43N2T	7-1437562-6	V	4PDT	On-None-On	Wire lug	26.45	23.42	21.20
<b>Accessories for TT Series</b>									
506-B1440004	B1440004	1825612-1	W		Black 1/4-40 toggle switch boot seal		6.35	5.80	5.46

**DIMENSIONS: mm**