



# Miniature Bat Toggle/Silver Contacts Standard "6 Amp" Wire Lug Termination

www.DataSheet4U.com **MTA Series**

## MATERIAL SPECIFICATIONS:

Contacts..... Gold flash over silver  
 Actuator Material..... Chrome plated copper alloy  
 Case Material ..... Thermoset 94V-0  
 Terminals ..... Gold flash  
 Terminal Seal..... Insert molded

## ENVIRONMENTAL SPECIFICATIONS

Operating Temperature..... -20°C to +80°C (-4°F to +176°F)  
 Storage Temperature..... -40°C to +80°C (-40°F to +176°F)  
 Solder Heat Resistance ..... See page M6-7

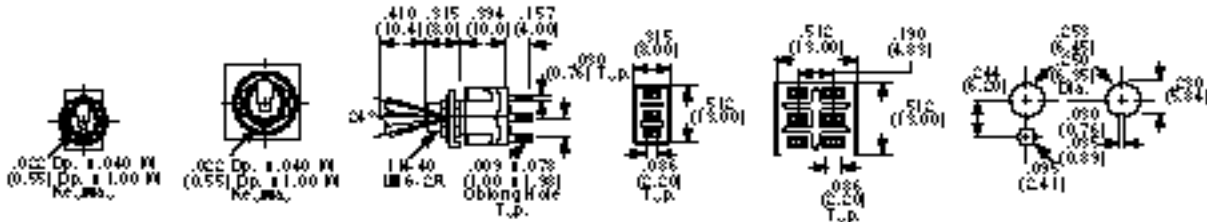
UL Available when ordering . . . Consult factory.

## TYPICAL PERFORMANCE CHARACTERISTICS:

Contact Rating ..... 6 A @ 125 VAC, 3 A @ 250 VAC  
 Initial Contact Resistance..... 20 Milliohms max.  
 Contact Timing ..... Break before make  
 Insulation Resistance ..... 1,000 Megohms min. @ 500 VDC  
 min. for 1 minute  
 Dielectric Strength ..... 1,500 VAC  
 Actuation Force..... .05-1.5 kg.  
 Actuator Travel ..... 24° (26° on MTL Series)  
 High Torque Bushing Shoulder..... Standard  
 Life Expectancy ..... See chart below.

**NOTICE: For terminal connections refer to Code Chart Page M8-9.**

## SPDT/DPDT/SP3T



MTA106D

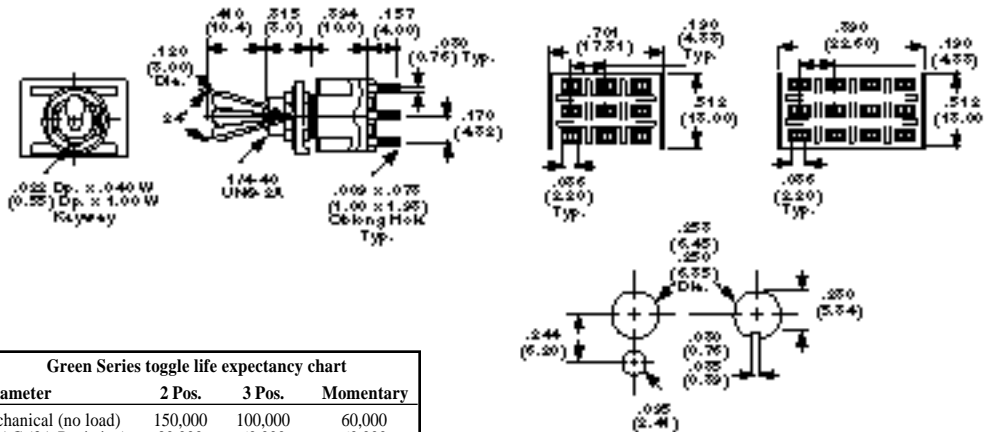


MTA206N

Model	Type	Act. Code P. M8	Special Details	Model	Type	Act. Code P. M8	Special Details
MTA106D	SPDT	1	On None On Wire Lug	MTA206N	DPDT	2	On None On Wire Lug
MTA106E	SPDT	5	On Off On Wire Lug	MTA206P	DPDT	6	On Off On Wire Lug
MTA106F	SPDT	1	On None(On) Wire Lug	MTA206R	DPDT	2	On None(On) Wire Lug
MTA106G	SPDT	5	(On) Off (On) Wire Lug	MTA206S	DPDT	6	(On) Off (On) Wire Lug
MTA106H	SPDT	5	On Off (On) Wire Lug	MTA206T	DPDT	6	On Off (On) Wire Lug
			(On) indicates momentary position.	*MTA206PA	SP3T	11	On On (On) Wire Lug
				*MTA206SA	SP3T	11	(On) On (On) Wire Lug
				*MTA206TA	SP3T	11	On On On Wire Lug
							(On) indicates momentary position.

\* Note: PA, SA & TA types have case .100(2.50) longer than other types.

## 3PDT/4PDT/DP3T



MTA306D



MTA406N

Parameter	2 Pos.	3 Pos.	Momentary
Mechanical (no load)	150,000	100,000	60,000
250AC (3A Resistive)	80,000	60,000	60,000
125AC (6A Resistive)	80,000	60,000	60,000
28DC(4) (Resistive)	60,000	50,000	40,000

Model	Type	Act. Code P. M8	Special Details	Model	Type	Act. Code P. M8	Special Details
MTA306D	3PDT	3	On None On Wire Lug	MTA406P	4PDT	8	On Off On Wire Lug
MTA306E	3PDT	7	On Off On Wire Lug	*MTA406PA	DP3T	12	On On On Wire Lug
MTA306F	3PDT	3	On None(On) Wire Lug				
MTA306H	3PDT	7	On Off (On) Wire Lug				
			(On) indicates momentary position.				*Note: PA types have case .100 (2.50) longer than other types.

Need more technical information?

Consult your local Augat sales office

AUGAT Inc.

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