

Toggle Switches, MT Series, Wire Lug, Long

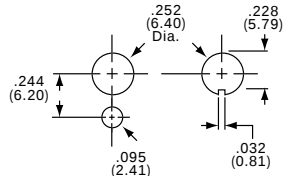
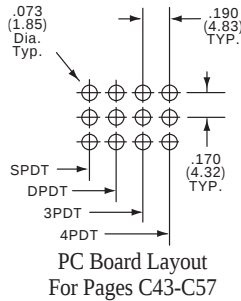
MATERIAL SPECIFICATIONS:

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

ENVIRONMENTAL SPECIFICATIONS

Operating Temperature -4°F to +176°F (-20°C to +80°C)
Storage Temperature -40°F to +176°F (-40°C to +80°C)
Solder Heat Resistance See page M3-4

UL Available when ordering . . . Consult factory.



Toggle Switch Hole Layout
for this page.

TYPICAL PERFORMANCE

Contact Rating
Initial Contact Resistance
Contact Timing
Insulation Resistance

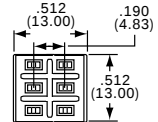
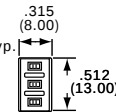
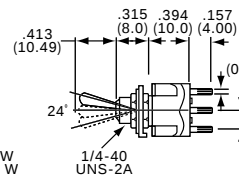
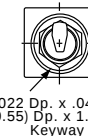
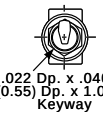
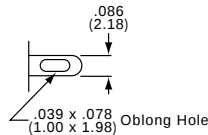
Dielectric Strength
Actuation Force
Actuator Travel
High Torque Bushing Shoulder
Life Expectancy

NOTICE: For terminal connection

Note: Hardware included with all switches.

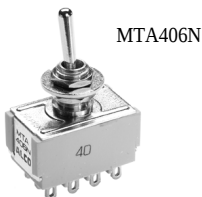
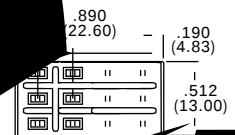
Green Series toggle life expectancy chart			
Parameter	2 Pos.	3 Pos.	Momentary
Mechanical (no load)	150,000	100,000	60,000
250AC (3A Resistive)	80,000	60,000	60,000
125AC (6A Resistive)	80,000	60,000	60,000
28DC(4) (Resistive)	60,000	50,000	40,000

SPDT/DPDT/SP3T



Tyco Electronics	Alcoswitch	Type	Act. Code	P. M5				Tyco Electronics	Alcoswitch	Type	Act. Code	P. M5			
1-1437558-0	MTA106D	SPDT	1		On	None	On	2-1437558-0	MTA206N	DPDT	2		On	None	On
1-1437558-2	MTA106E	SPDT	5		On	Off	On	2-1437558-2	MTA206P	DPDT	6		On	Off	On
1-1437558-4	MTA106F	SPDT	1		On	None	(On)	2-1437558-7	MTA206R	DPDT	2		On	None	(On)
1-1437558-6	MTA106G	SPDT	5		(On)	Off	(On)	2-1437558-9	MTA206S	DPDT	6		(On)	Off	(On)
1-1437558-8	MTA106H	SPDT	5		On	Off	(On)	3-1437558-2	MTA206T	DPDT	6		On	Off	On
(On) indicates momentary position.								2-1437558-3	*MTA206PA	SP3T	11		On	On	On
								3-1437558-0	*MTA206SA	SP3T	11		(On)	On	(On)
								3-1437558-3	*MTA206TA	SP3T	11		On	On	(On)
								(On) indicates momentary position.							
								* Note: PA, SA & TA types have case .100(2.50) longer than other types.							

3PDT/4PDT/DP3T



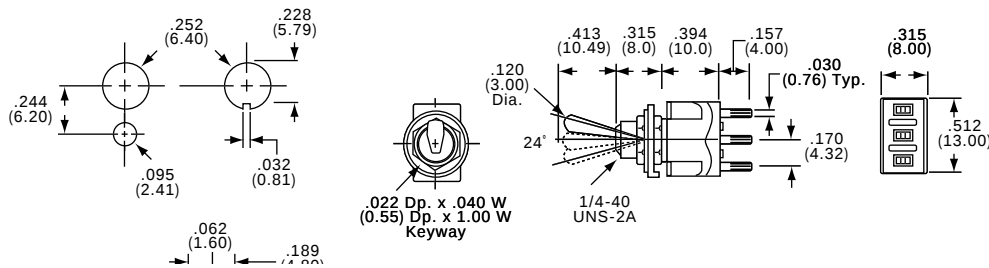
Tyco Electronics	Alcoswitch	Type	Act. Code	P. M5	On	None	On	Tyco Electronics	Alcoswitch	Type	Act. Code	P. M5	On	None	On
3-1437558-5	MTA306D	3PDT	3		On	None	On	4-1437558-3	MTA406N	4PDT	4		On	None	On
3-1437558-7	MTA306E	3PDT	7		On	Off	On	4-1437558-5	MTA406P	4PDT	8		On	Off	On
3-1437558-9	MTA306F	3PDT	3		On	None	(On)	4-1437558-6	*MTA406PA	DP3T	12		On	On	On
4-1437558-1	MTA306H	3PDT	7		On	Off	(On)	*Note: PA types have case .100 (2.50) longer than other types.							
(On) indicates momentary position.															

Toggle Switches, MT Series, PC Tail, Long Bat Actuator

SEE PAGE C43 FOR PRODUCT SPECIFICATIONS

For terminal connections refer to Code Chart. (See Page M5-6)

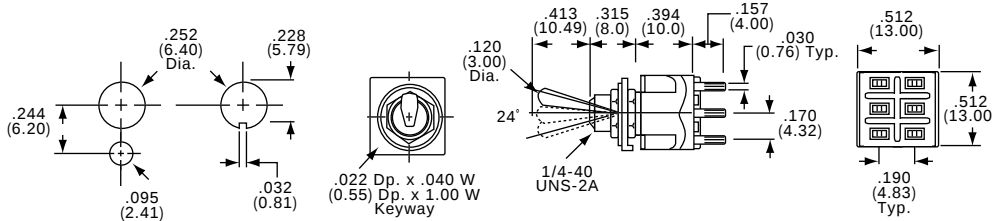
SPDT



MTA106DPC

Tyco Electronics	Alcoswitch	Type	Act. Code	P. M5	On	None	Off
1-1437558-1	MTA106DPC	SPDT	1		On	None	On
1-1437558-3	MTA106EPC	SPDT	5		On	Off	On
1-1437558-5	MTA106FPC	SPDT	1		On	None	(On)

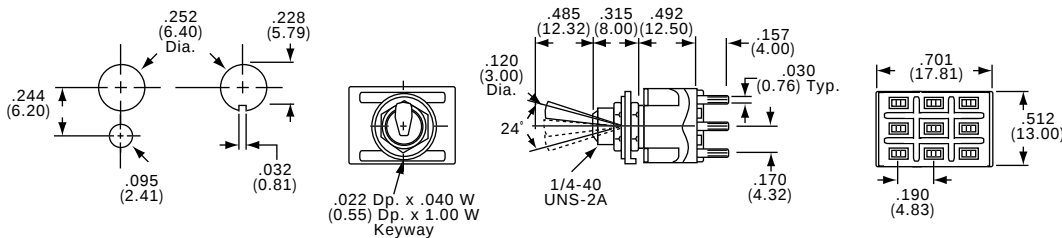
DPDT/SP3T



MTA206NPC

Tyco Electronics	Alcoswitch	Type	Act. Code	P. M5	On	None	Off
2-1437558-1	MTA206NPC	DPDT	2		On	None	On
2-1437558-5	MTA206PPC	DPDT	6		On	Off	On
2-1437558-8	MTA206RPC	DPDT	2		On	None	(On)
3-1437558-1	MTA206SPC	DPDT	6		(On)	Off	(On)
3-1437558-4	MTA206TPC	DPDT	6		On	Off	(On)

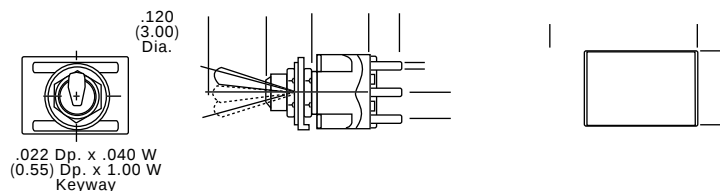
3PDT



MTA306DPC

Tyco Electronics	Alcoswitch	Type	Act. Code	P. M5	On	None	Off
3-1437558-6	MTA306DPC	3PDT	3		On	None	On
3-1437558-8	MTA306EPC	3PDT	7		On	Off	On

4PDT/DP3T



MTA406NPC

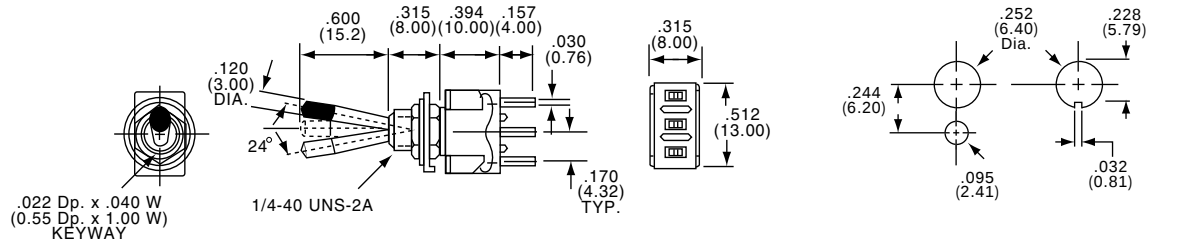
Tyco Electronics	Alcoswitch	Type	Act. Code	P. M5	On	None	Off
4-1437558-4	MTA406NPC	4PDT	4		On	None	On
4-1437558-8	MTA406PPC	4PDT	8		On	Off	On

Toggle Switches, MT Series, Wire Lug, Decorative Bat Actuator

SEE PAGE C43 FOR PRODUCT SPECIFICATIONS

For terminal connections refer to Code Chart. (See Page M5-6)

SPDT



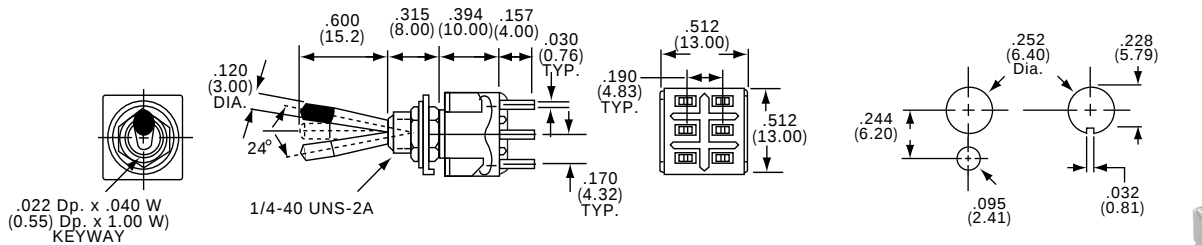
MTB106D

Tyco Electronics	Alcoswitch	Type	Act. Code P. M5	On	None	On
6-1437558-3	MTB106D	SPDT	1	On	None	On
6-1437558-2	MTB106E	SPDT	5	On	Off	On

Alcoswitch	Type	Act. Code P. M5	On	None	On
MTB106F	SPDT	1	On	None (On)	
MTB106G	SPDT	5	(On)	Off	(On)

(On) indicates momentary position.

DPDT



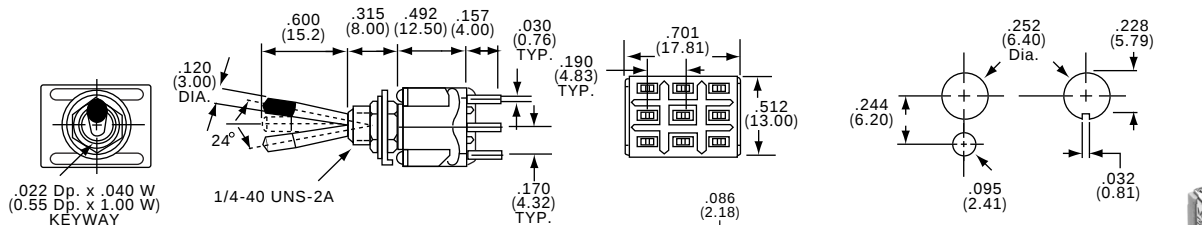
MTB206N

Tyco Electronics	Alcoswitch	Type	Act. Code P. M5	On	None	On
6-1437558-4	MTB206N	DPDT	2	On	None	On
6-1437558-5	MTB206P	DPDT	6	On	Off	On

Alcoswitch	Type	Act. Code P. M5	On	None	On
MTB206T	DPDT	6	On	Off (On)	

(On) indicates momentary position.

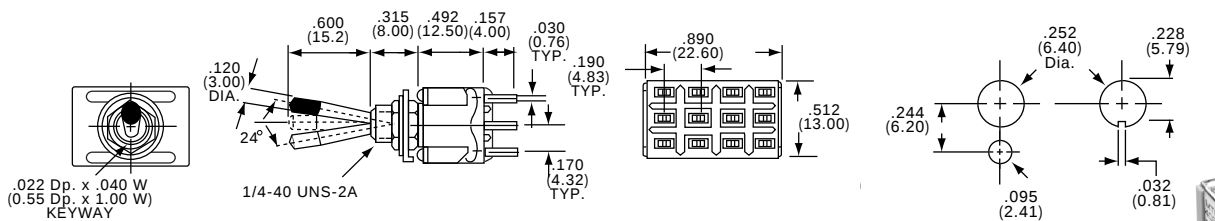
3PDT



MTB306D

Tyco Electronics	Alcoswitch	Type	Act. Code P. M5	On	None	On
6-1437558-6	MTB306D	3PDT	3	On	None	On

4PDT



MTB406N

Tyco Electronics	Alcoswitch	Type	Act. Code P. M5	On	None	On
6-1437558-7	MTB406N	4PDT	4	On	None	On

Toggle Switches, MT Series, Wire Lug, Splashproof Bat Actuator

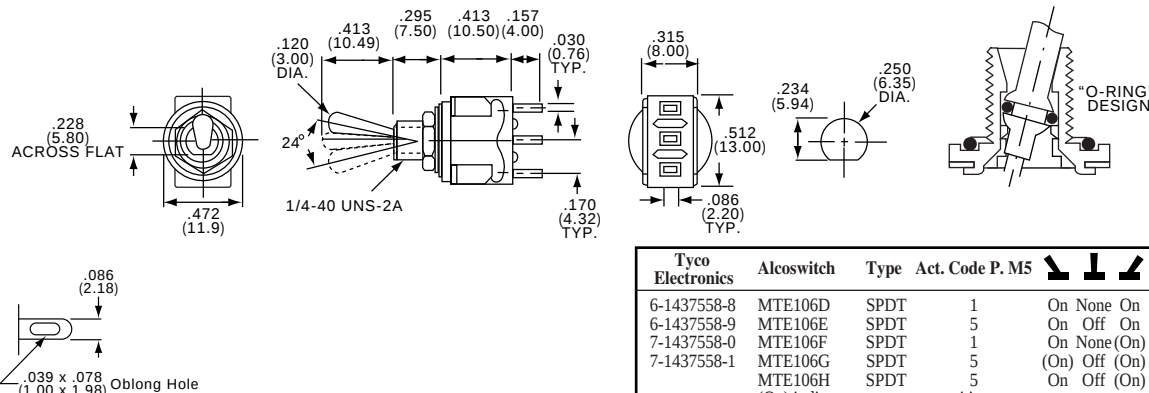
For terminal connections refer to Code Chart. (See Page M5-6)

SEE PAGE C43 FOR PRODUCT SPECIFICATIONS

SPDT



MTE106E



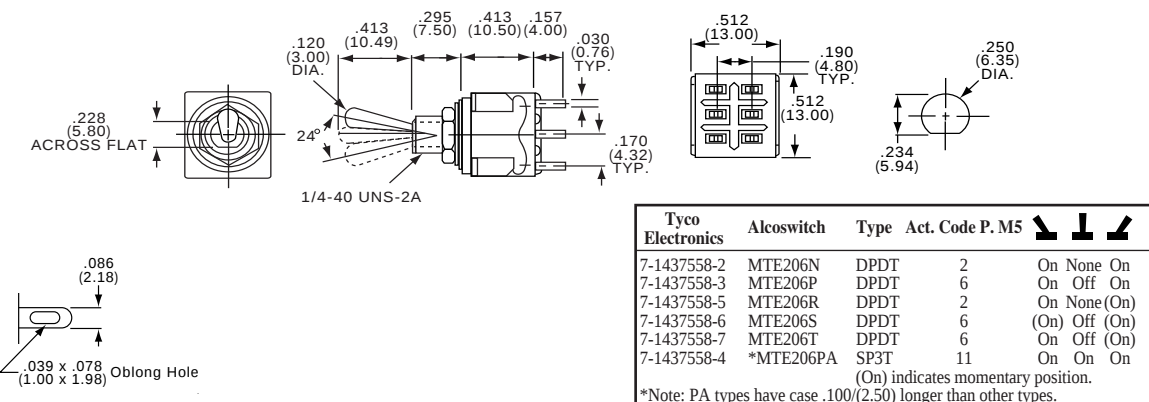
Tyco Electronics	Alcoswitch	Type	Act. Code	P. M5	On	None	Off
6-1437558-8	MTE106D	SPDT	1		On	None	On
6-1437558-9	MTE106E	SPDT	5		On	Off	On
7-1437558-0	MTE106F	SPDT	1		On	None	(On)
7-1437558-1	MTE106G	SPDT	5		(On)	Off	(On)
	MTE106H	SPDT	5		On	Off	(On)

(On) indicates momentary position.

DPDT/SP3T



MTE206N



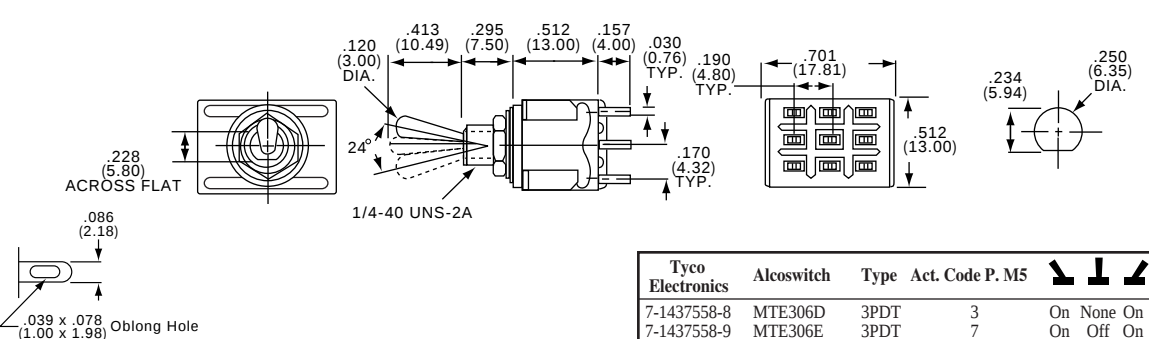
Tyco Electronics	Alcoswitch	Type	Act. Code	P. M5	On	None	Off
7-1437558-2	MTE206N	DPDT	2		On	None	On
7-1437558-3	MTE206P	DPDT	6		On	Off	On
7-1437558-5	MTE206R	DPDT	2		On	None	(On)
7-1437558-6	MTE206S	DPDT	6		(On)	Off	(On)
7-1437558-7	MTE206T	DPDT	6		On	Off	(On)
7-1437558-4	*MTE206PA	SP3T	11		On	On	On

(On) indicates momentary position.
*Note: PA types have case .100/(2.50) longer than other types.

3PDT



MTE306D

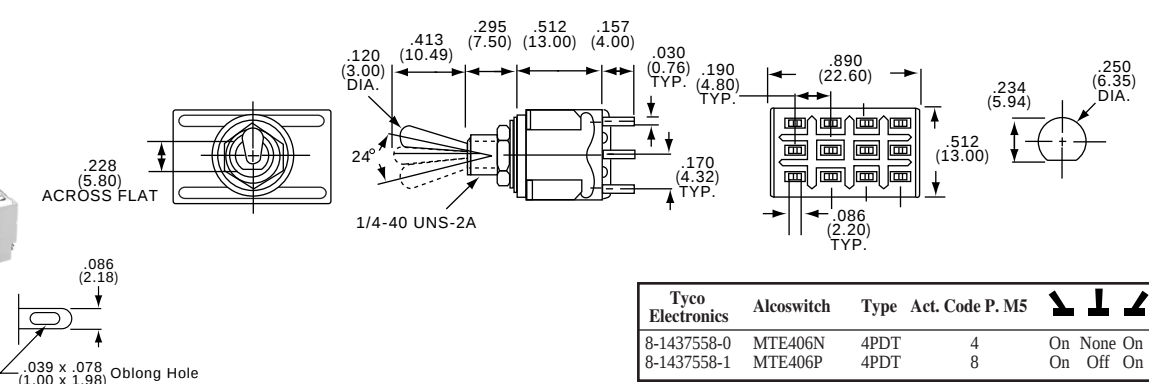


Tyco Electronics	Alcoswitch	Type	Act. Code	P. M5	On	None	Off
7-1437558-8	MTE306D	3PDT	3		On	None	On
7-1437558-9	MTE306E	3PDT	7		On	Off	On

4PDT



MTE406N



Tyco Electronics	Alcoswitch	Type	Act. Code	P. M5	On	None	Off
8-1437558-0	MTE406N	4PDT	4		On	None	On
8-1437558-1	MTE406P	4PDT	8		On	Off	On

Toggle Switches, MT Series, Wire Lug, Flat Actuator

SEE PAGE C43 FOR PRODUCT SPECIFICATIONS

For terminal connection, refer to Code Chart. (See Page M5-6)

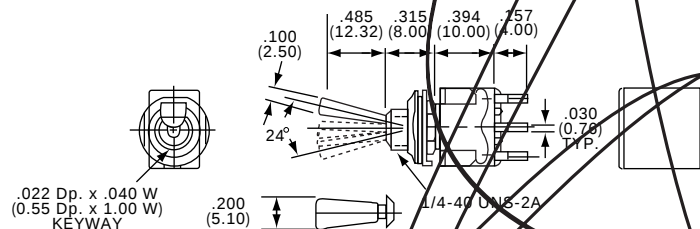
SPDT



MTF106D

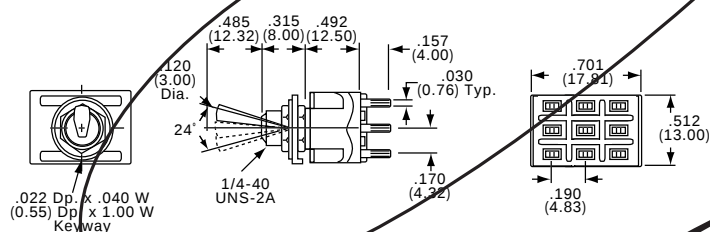
Satin Chrome Tyco Electronics	Alcoswitch	Bright Chrome Tyco Electronics	Alcoswitch	Type	Act. Code P. M5	On	None	On
8-1437558-3	MTF106D	8-1437558-8	MTF126D	SPDT	1	On	None	On
8-1437558-4	MTF106E	8-1437558-9	MTF126E	SPDT	5	On	Off	On
8-1437558-5	MTF106F	9-1437558-0	MTF126F	SPDT	1	On	None(On)	
8-1437558-6	MTF106G	9-1437558-1	MTF126G	SPDT	5	(On)	Off (On)	
8-1437558-7	MTF106H			SPDT	5	On	Off (On)	

(On) indicates momentary position.



Satin Chrome Tyco Electronics	Alcoswitch	Bright Chrome Tyco Electronics	Alcoswitch	Type	Act. Code P. M5	On	None	On
9-1437558-2	MTF206N	9-1437558-9	MTF226N	DPDT	2	On	None	On
9-1437558-3	MTF206P	1437559-1	MTF226P	DPDT	6	On	Off	On
9-1437558-5	MTF206R			DPDT	2	On	None(On)	
9-1437558-6	MTF206S	1437559-4	MTF226S	DPDT	6	(On)	Off (On)	
9-1437558-8	MTF206T			DPDT	6	On	Off (On)	
9-1437558-4	*MTF206PA	1437559-2	*MTF226PA	SP3T	11	On	On	On
9-1437558-7	*MTF206SA	1437559-5	*MTF226SA	SP3T	11	(On)	On (On)	

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



DPDT/SP3T



MTF206N

3PDT



MTF306D

Satin Chrome Tyco Electronics	Alcoswitch	Bright Chrome Tyco Electronics	Alcoswitch	Type	Act. Code P. M5	On	None	On
1437559-6	MTF306D	1437559-7	MTF326D	3PDT	3	On	None	On

Satin Chrome Tyco Electronics	Alcoswitch	Bright Chrome Tyco Electronics	Alcoswitch	Type	Act. Code P. M5	On	None	On
1437559-8	MTF406N	1437559-9	MTF426N	4PDT	4	On	None	On

Toggle Switches, MT Series, Wire Lug, Short Mustang Actuator

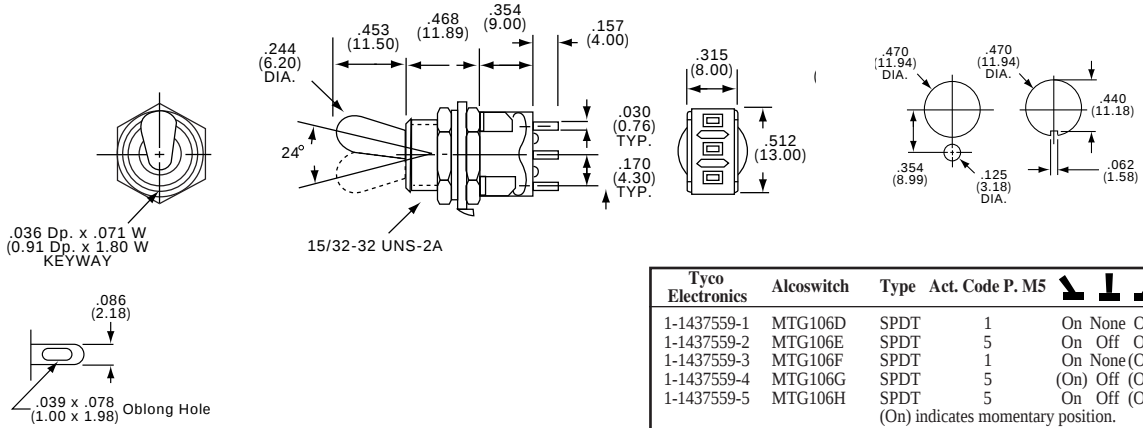
For terminal connections refer to Code Chart. (See Page M5-6)

SEE PAGE C43 FOR PRODUCT SPECIFICATIONS

SPDT



MTG106D



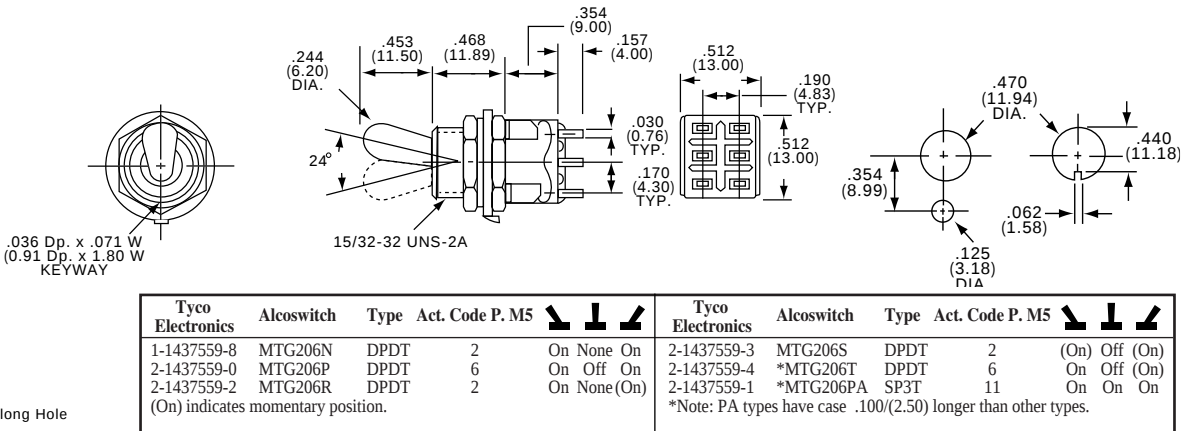
Tyco Electronics	Alcoswitch	Type	Act.	Code	P. M5	↖	↗	↘
1-1437559-1	MTG106D	SPDT	1	On	None	On		
1-1437559-2	MTG106E	SPDT	5	On	Off	On		
1-1437559-3	MTG106F	SPDT	1	On	None	(On)		
1-1437559-4	MTG106G	SPDT	5	(On)	Off	(On)		
1-1437559-5	MTG106H	SPDT	5	On	Off	(On)		

(On) indicates momentary position.

DPDT/SP3T



MTG206N



Tyco Electronics	Alcoswitch	Type	Act.	Code	P. M5	↖	↗	↘
1-1437559-8	MTG206N	DPDT	2	On	None	On		
2-1437559-0	MTG206P	DPDT	6	On	Off	On		
2-1437559-2	MTG206R	DPDT	2	On	None	(On)		

(On) indicates momentary position.

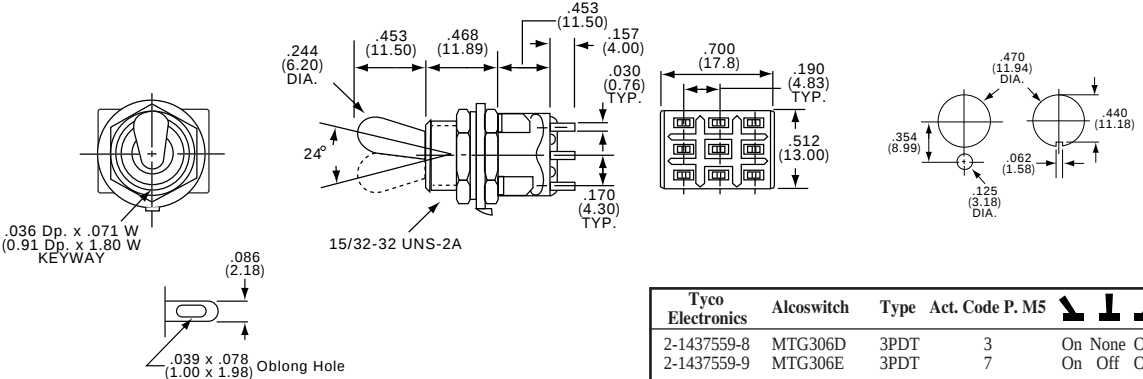
Tyco Electronics	Alcoswitch	Type	Act.	Code	P. M5	↖	↗	↘
2-1437559-3	MTG206S	DPDT	2	(On)	Off	(On)		
2-1437559-4	*MTG206T	DPDT	6	On	Off	(On)		
2-1437559-1	*MTG206PA	SP3T	11	On	On	On		

*Note: PA types have case .100/(2.50) longer than other types.

3PDT



MTG306D

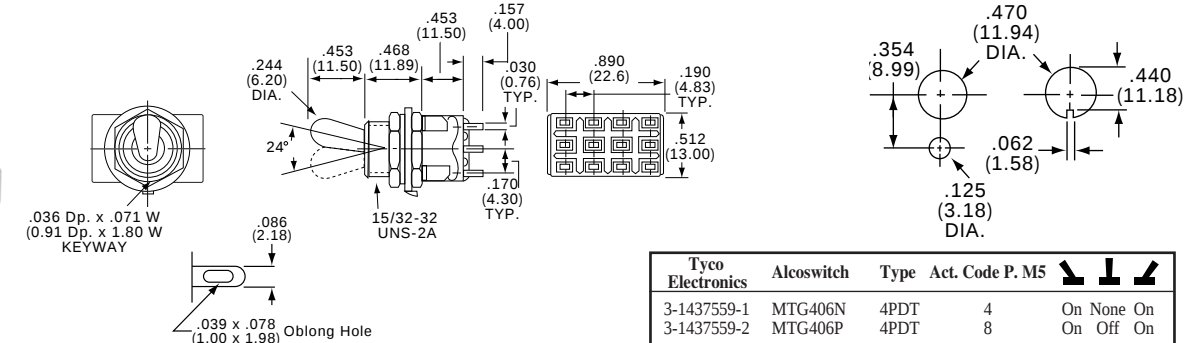


Tyco Electronics	Alcoswitch	Type	Act.	Code	P. M5	↖	↗	↘
2-1437559-8	MTG306D	3PDT	3	On	None	On		
2-1437559-9	MTG306E	3PDT	7	On	Off	On		

4PDT



MTG406N

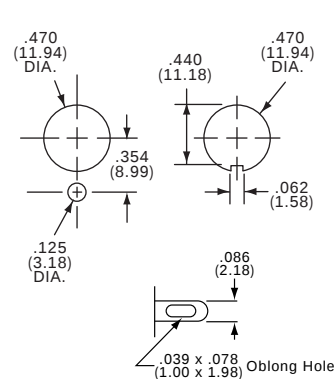
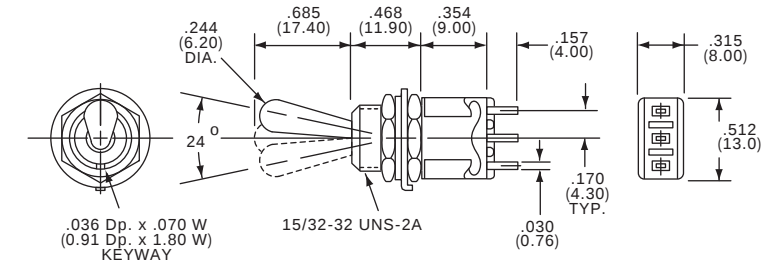


Tyco Electronics	Alcoswitch	Type	Act.	Code	P. M5	↖	↗	↘
3-1437559-1	MTG406N	4PDT	4	On	None	On		
3-1437559-2	MTG406P	4PDT	8	On	Off	On		

Toggle Switches, MT Series, Wire Lug, Long Mustang Actuator

SEE PAGE C43 FOR PRODUCT SPECIFICATIONS

For terminal connections refer to Code Chart. (See Page M5-6)

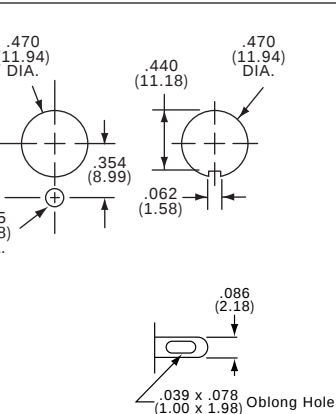
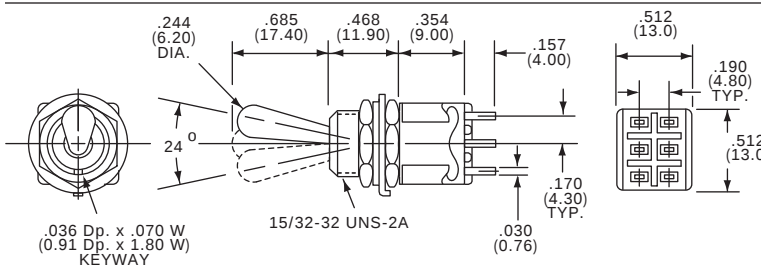


SPDT



MTG126D

Tyco Electronics	Alcoswitch	Type	Act. Code P. M5	On	None	On
1-1437559-6	MTG126D	SPDT	1	On	None	On
1-1437559-7	MTG126E	SPDT	5	On	Off	On



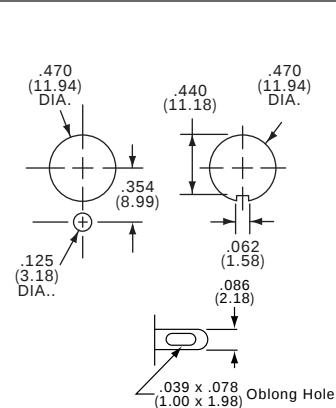
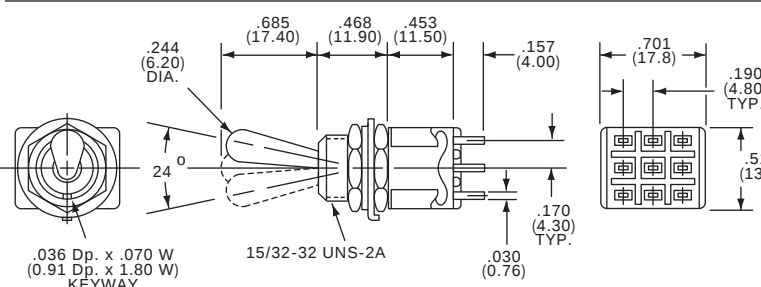
DPDT/SP3T



MTG226N

Tyco Electronics	Alcoswitch	Type	Act. Code P. M5	On	None	On
2-1437559-5	MTG226N	DPDT	2	On	None	On
2-1437559-6	MTG226P	DPDT	6	On	Off	On
2-1437559-7	*MTG226PA	SP3T	11	On	On	On

*Note: PA types have case .100/(2.50) longer than other types.

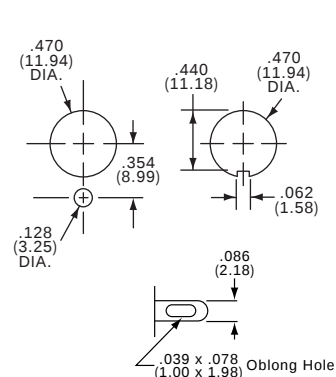
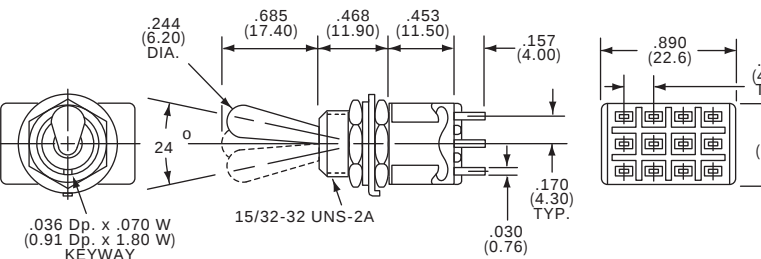


3PDT



MTG326D

Tyco Electronics	Alcoswitch	Type	Act. Code P. M5	On	None	On
3-1437559-0	MTG326D	3PDT	3	On	None	On



4PDT



MTG426N

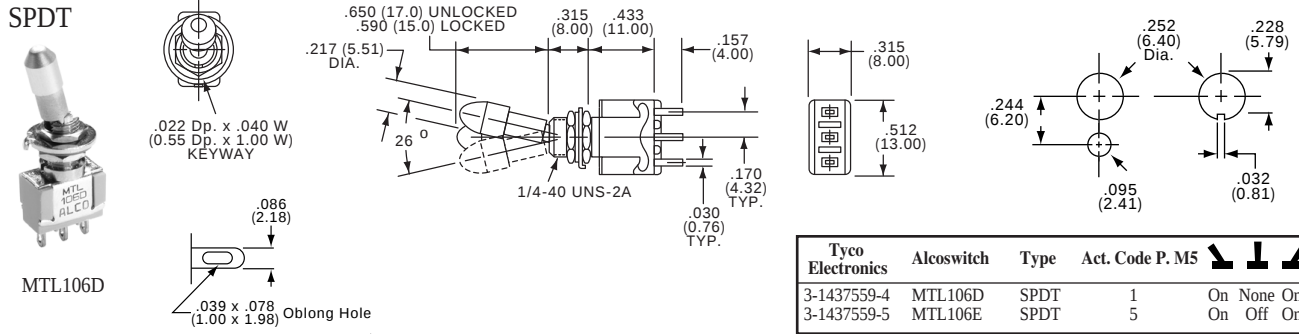
Tyco Electronics	Alcoswitch	Type	Act. Code P. M5	On	None	On
3-1437559-3	MTG426N	4PDT	4	On	None	On

Toggle Switches, MT Series, Wire Lug, Miniature Locking

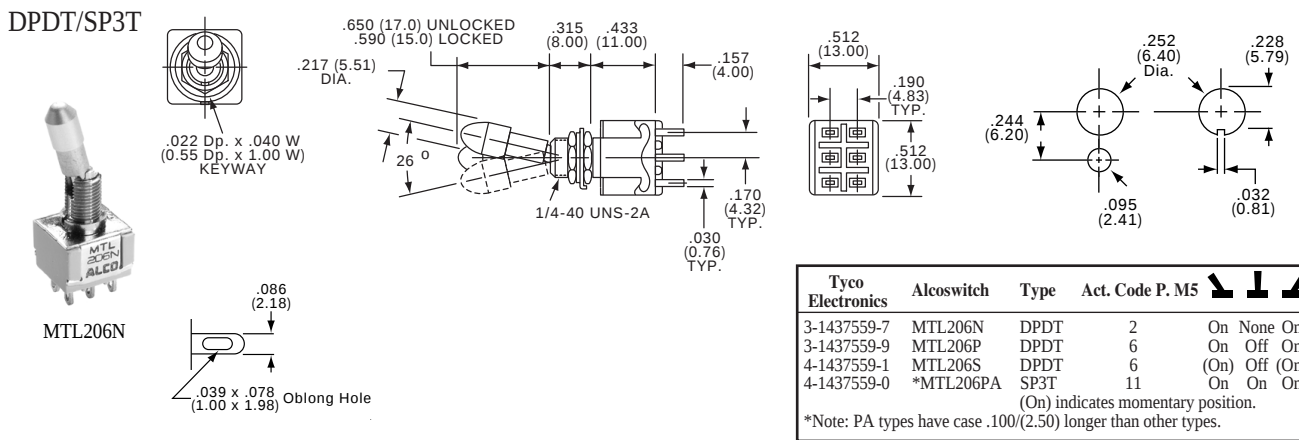
For terminal connections refer to Code Chart. (See Page M5-6)

SEE PAGE C43 FOR PRODUCT SPECIFICATIONS

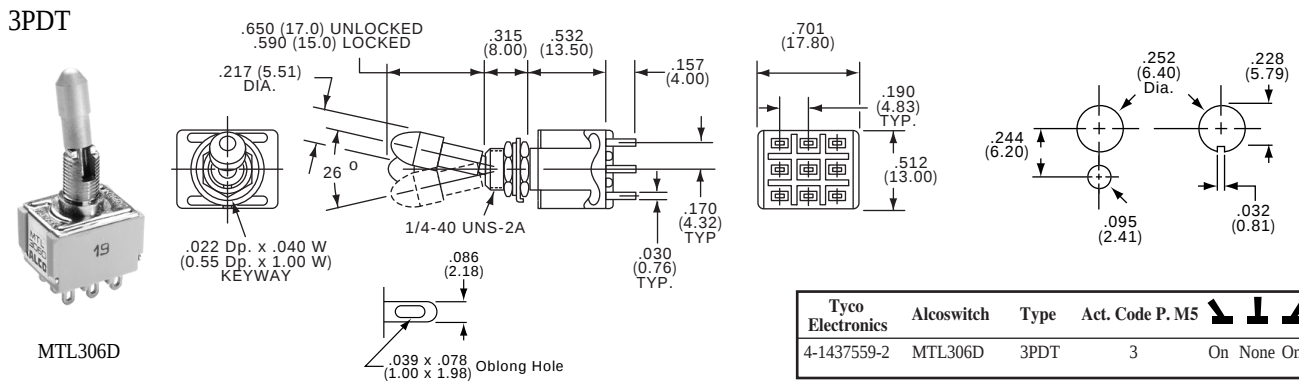
SPDT



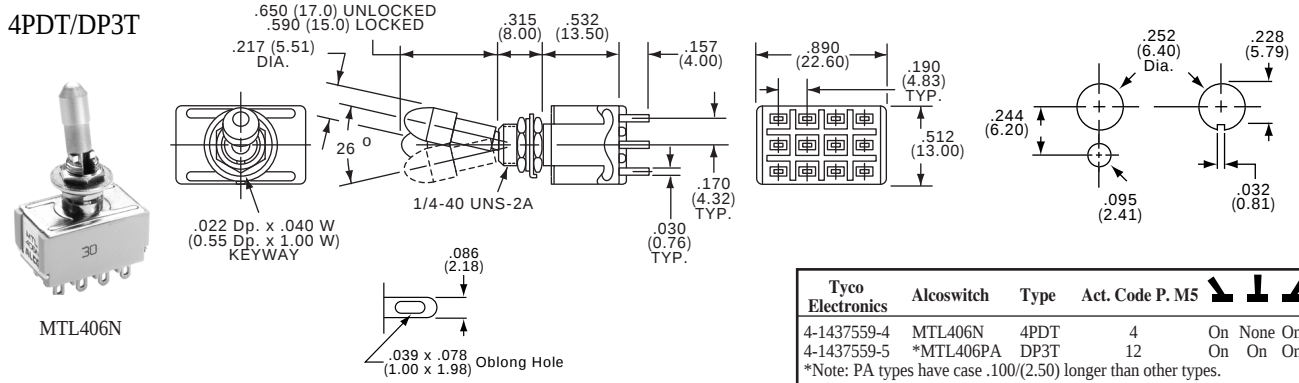
DPDT/SP3T



3PDT



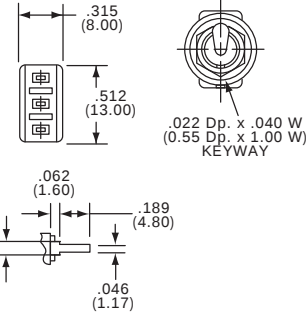
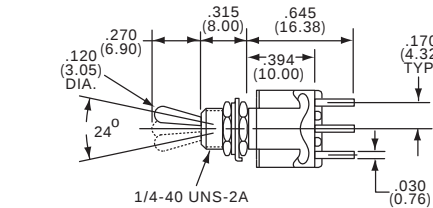
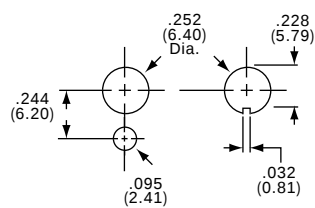
4PDT/DP3T



Toggle Switches, MT Series, PC Tail, Short Bat Actuator

SEE PAGE C43 FOR PRODUCT SPECIFICATIONS

For terminal connections refer to Code Chart. (See Page M5-6)



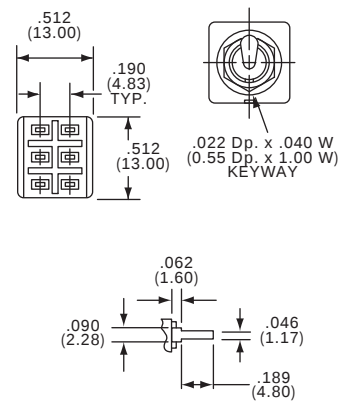
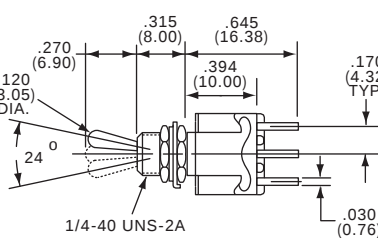
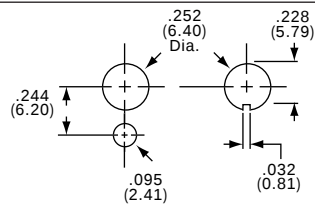
SPDT



MTM106DPC

Tyco Electronics	Alcoswitch	Type	Act. Code	P. M5	On	None	On
4-1437559-6	MTM106DPC	SPDT	1		On	None	On
4-1437559-7	MTM106EPC	SPDT	5		On	Off	On
4-1437559-8	MTM106FPC	SPDT	1		On	None(On)	

(On) indicates momentary position.



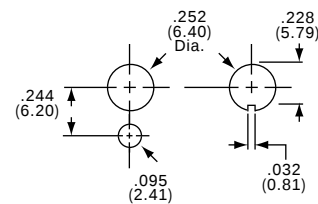
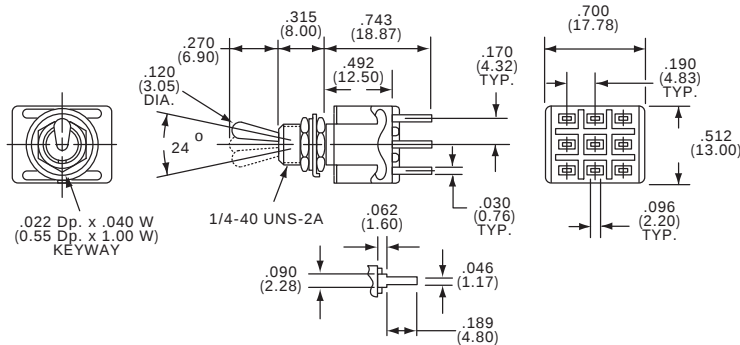
DPDT/SP3T



MTM206NPC

Tyco Electronics	Alcoswitch	Type	Act. Code	P. M5	On	None	On
4-1437559-9	MTM206NPC	DPDT	2		On	None	On
5-1437559-2	MTM206SPC	DPDT	6		(On)	Off	(On)
5-1437559-0	*MTM206PAPC	SP3T	11		On	On	On

(On) indicates momentary position.
.*Note: PA types have case .100/(2.50) longer than other types.

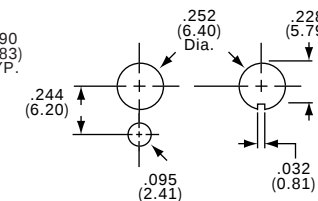
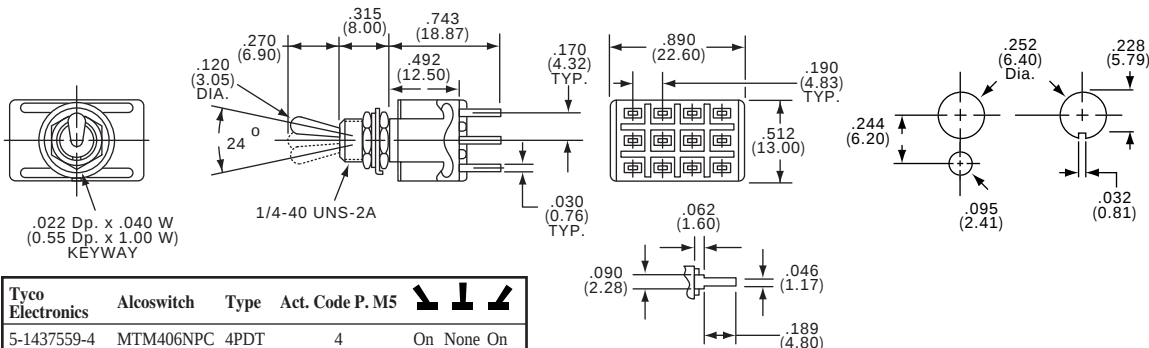


3PDT



MTM306DPC

Tyco Electronics	Alcoswitch	Type	Act. Code	P. M5	On	None	On
5-1437559-3	MTM306DPC	3PDT	3		On	None	On



4PDT



MTM406NPC

Tyco Electronics	Alcoswitch	Type	Act. Code	P. M5	On	None	On
5-1437559-4	MTM406NPC	4PDT	4		On	None	On

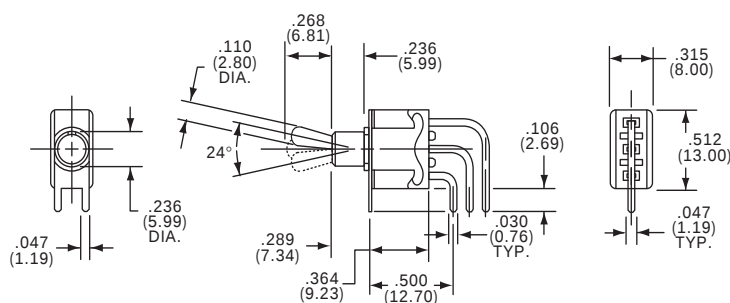
Toggle Switches, MT Series, Right Angle, Long or Short Bat Actuator

For terminal connections refer to Code Chart. (See Page M5-6)



C

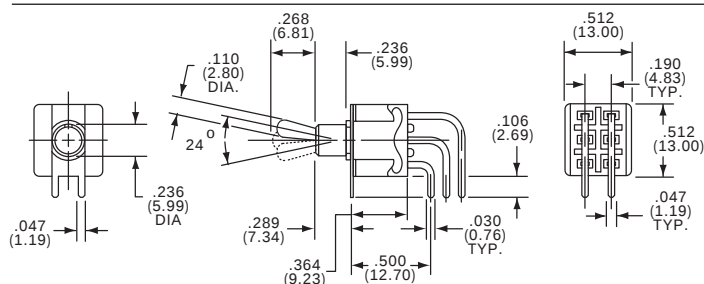
MTM-VRA/MTA-VRA



SPDT



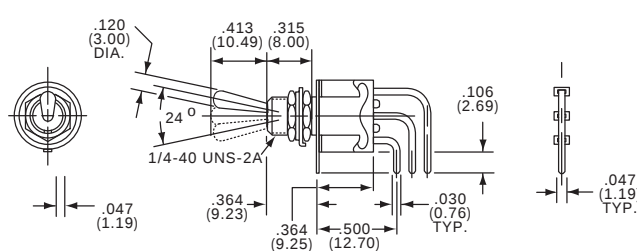
MTM8106DVRA
Vertical Actuation



DPDT



MTM8206NVRA
Vertical Actuation



SPDT



MTA8106DVRA
Vertical Actuation

Toggle Switches, MT Series, Right Angle, Long or Short Bat Actuator

C

Toggle Accessories

Toggle Switches, Hardware and Accessories



STANDARD AND DECORATIVE MOUNTING HARDWARE

Fits all miniature toggle and pushbutton switches with 1/4-40 bushings. N1 and N3 nuts are recommended as styling options.



N1-AG



10264-00-120



N3-AG



11106-AG



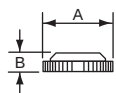
N35-AG



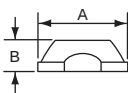
LW5-AG



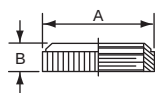
LW12-AG



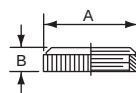
N1Ao



N40-AG
N43-AG
N45-AG



N1B



N1C

"PERFECT FIT" DECORATIVE MOUNTING HARDWARE

Use blind threaded nuts for ultimate appearance.
Finger tighten until nut rests on ridge -
Final tightening with back-up nut.

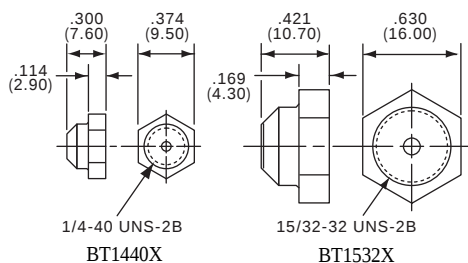


SPA32

Toggle Switches, Legend Plates, Boot Seals

Constructed of .025 gauge brushed aluminum, finished with scratch resistant matte black enamel. Easily readable & aesthetically attractive.

Tyco Electronics	Alcoswitch	Description	Dim.	
			A	B
2-1437628-4	SPA32	On-Off (for 1/4" diameter switch)	.375	.880
2-1437628-6	SPA42	On-Off (for 15/32" diameter switch)	.680	1.125



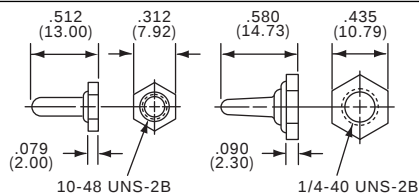
1/4-40 & 15/32-32 TOGGLE SWITCH BOOT SEALS

Splashproof seals especially designed for toggle switches having longer actuators. They are also highly recommended for 3-position maintained toggle switches where full-cover boots may have a tendency to pull the toggle back to center. No O-Ring required. These boot seals are not recommended for use with flat toggles.

Tyco Electronics	Alcoswitch	Mount Color	Boot Color	Thread Size	Use With Switch Type
3-1437626-6	BT14400	Black	Black	1/4-40	TT, MTA, Gemini
	BT14402	Red	Red	1/4-40	TT, MTA, Gemini
	BT14408	Gray	Gray	1/4-40	TT, MTA, Gemini
3-1437626-7	BT15320	Black	Black	15/32-32	MTG Series
3-1437626-8	BT15322	Red	Red	15/32-32	MTG Series
3-1437626-9	BT15328	Gray	Gray	15/32-32	MTG Series



BT1440



10-48 & 1/4-40 TOGGLE SWITCH BOOT SEALS

Splashproof seals designed for "TINY" and miniature switches with bat toggles up to .370" long. A hex nut is integrally bonded to the Neoprene boot. No O-Ring is required.

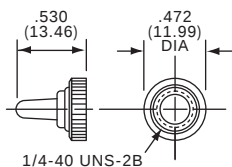
Tyco Electronics	Alcoswitch	Mount Color	Boot Color	Thread Size	Use With Switch Type
1437626-1	B10480	Black	Black	10-48	TT Series
1437626-2	B10482	Red	Red	10-48	TT Series
1437626-3	B10488	Gray	Gray	10-48	TT Series
1437626-4	B14400	Black	Black	1/4-40	TT, MTA, Gemini
1437626-5	B14402	Red	Red	1/4-40	TT, MTA, Gemini
1437626-6	B14408	Gray	Gray	1/4-40	TT, MTA, Gemini



B14400



B10480



1/4-40 TOGGLE SWITCH BOOT SEALS

Splashproof toggle seals having 1/4-40 blind nuts integrally mounted on the Black Neoprene seal. Supplied with captive O-Ring to complete the panel seal. Accepts bat toggles from .375" to .468" long.

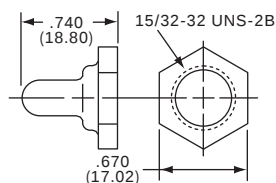
Tyco Electronics	Alcoswitch	Mount Color	Boot Color	Thread Size	Use With Switch Type
1-1437626-0	B2100	Nickel	Black	1/4-40	TT, Gemini and MTA Series
1-1437626-1	B2210	Black	Black	1/4-40	TT, Gemini and MTA Series



B2100



B2210



15/32-32 TOGGLE SWITCH BOOT SEALS

Splashproof toggle seals incorporating a molded-in hex nut for water tight & dust tight protection. Recommended for standard size toggle switches with short to medium length toggle levers. Replaces standard hardware usually supplied with the switch.

Tyco Electronics	Alcoswitch	Mount Color	Boot Color	Thread Type	Use With Switch Type
1437626-7	B15320	Black	Black	15/32-32	MTG Series, Gemini "T", "T1" Options
1437626-8	B15322	Red	Red	15/32-32	MTG Series, Gemini "T", "T1" Options
1437626-9	B15328	Gray	Gray	15/32-32	MTG Series, Gemini "T", "T1" Options

B15320



Engineering Notes

C

Engineering Notes