

Toggle Switches, Process Sealed, Vertical and Right Angle, Round Actuator

MATERIAL SPECIFICATIONS:

ContactsGold over nickel plate
 Case MaterialPolyester 94V-0
 Actuator MaterialNickel plated copper alloy
 TerminalsPhosphor bronze
 Terminal SealEpoxy
 Process SealTested to MIL-STD-202, method 112
 (Internal O-Ring) test condition A and D, 85°C

TYPICAL PERFORMANCE CHARACTERISTICS:

Contact Rating0.4 VA Max. @ 20 VDC
 Initial Contact Resistance100 Milliohms max.
 Contact TimingBreak-before-make
 Insulation Resistance500 Megohms @ 250 VDC min.
 Dielectric Strength500 Volts RMS @ sea level
 Actuation Force400 Grams
 Life ExpectancyUp to 10,000 Cycles

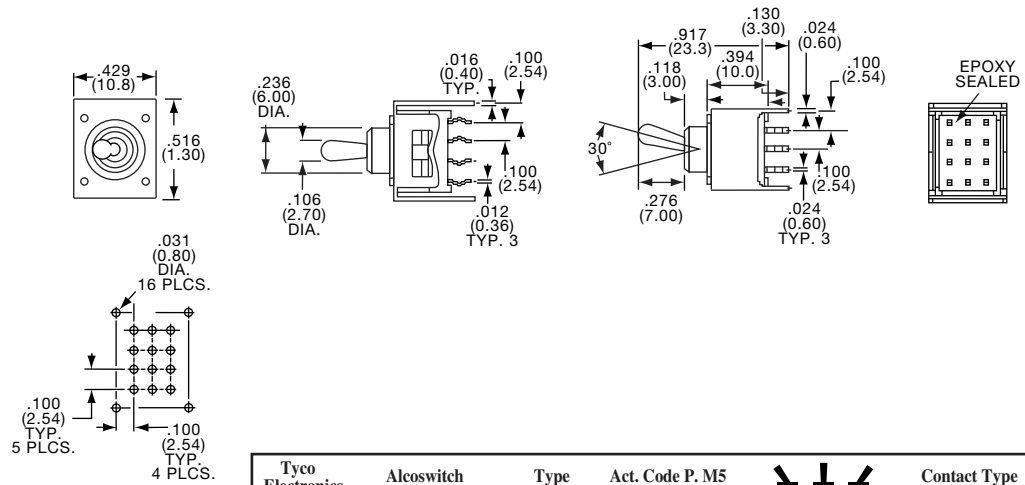
ENVIRONMENTAL SPECIFICATIONS

Operating Temperature.....-4°F to +176°F (-20°C to +80°C)
 Storage Temperature.....-40°F to +176°F (-40°C to +80°C)

4PDT



ATE4DGPC2

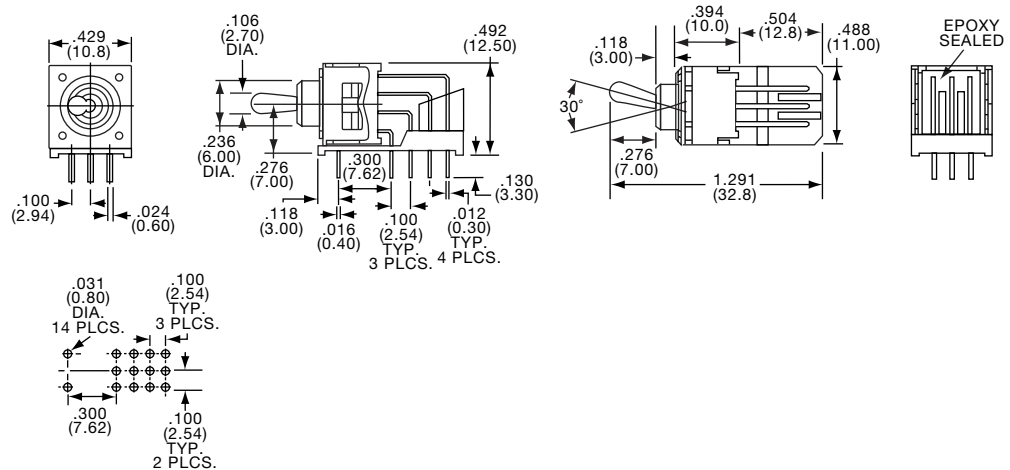


Tyco Electronics	Alcoswitch	Type	Act. Code P. M5	Contact Type
2-1437557-1	ATE4DGPC2	4PDT	8	On None On Gold

4PDT



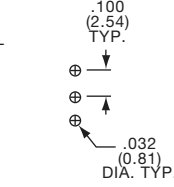
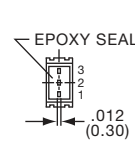
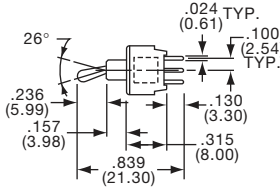
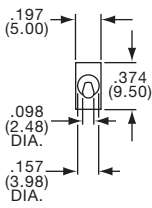
ATE4DGRA2



Tyco Electronics	Alcoswitch	Type	Act. Code P. M5	Contact Type
2-1437557-2	ATE4DGRA2	4PDT	8	On None On Gold

Toggle Switches, Process Sealed, Vertical, Round or Flat Actuators

SEE PAGE C19 FOR PRODUCT SPECIFICATIONS

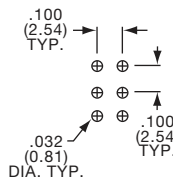
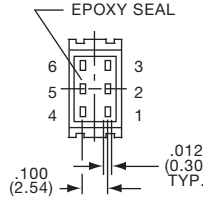
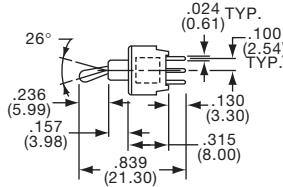
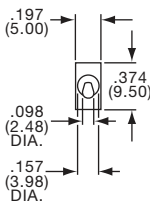


P.C. HOLE LAYOUT SINGLE POLE

SPDT/DPDT



ATE1DGPC1



P.C. HOLE LAYOUT DOUBLE POLE

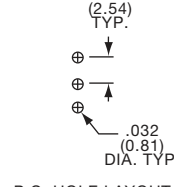
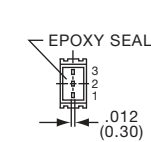
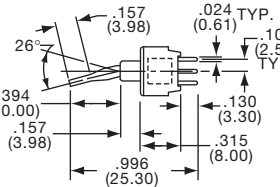
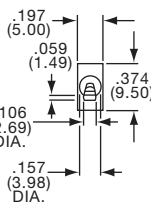
Extra compact double pole saves PCB real estate.



ATE2DGPC1

Tyco Electronics	Alcoswitch	Type	On	None	On	Contact Type	Tyco Electronics	Alcoswitch	Type	On	None	On	Contact Type		
1437557-2	ATE1DGPC1	SPDT	On	None	On	Gold	1-1437557-5	ATE2DGPC1	DPDT	On	None	On	Gold		
1437557-6	ATE1EGPC1	SPDT	On	Off	On	Gold	1-1437557-9	ATE2EGPC1	DPDT	On	Off	On	Gold		
1-1437557-2	ATE1GGPC1	SPDT	(On)	None (On)	(On)	Gold	Terminals Connected:								
Terminals Connected:							2-3						5-6	2-1	5-4
(On) indicates momentary position.															

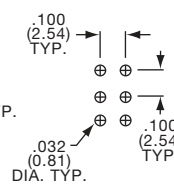
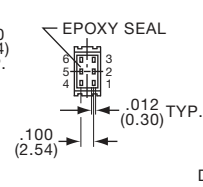
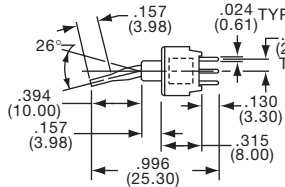
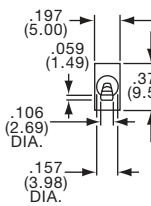
SPDT/DPDT



P.C. HOLE LAYOUT SINGLE POLE



ATE1DGPC7



P.C. HOLE LAYOUT DOUBLE POLE

Extra compact double pole saves PCB real estate.



ATE2DGPC7

Tyco Electronics	Alcoswitch	Type	On	None	On	Contact Type	Tyco Electronics	Alcoswitch	Type	On	None	On	Contact Type		
1437557-3	ATE1DGPC7	SPDT	On	None	On	Gold	1-1437557-6	ATE2DGPC7	DPDT	On	None	On	Gold		
1-1437557-3	ATE1GGPC7	SPDT	(On)	Off (On)	(On)	Gold	Terminals Connected:								
Terminals Connected:							2-3						5-6	2-1	5-4
(On) indicates momentary position.															

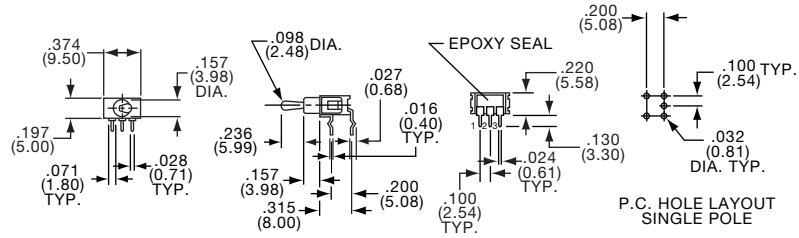
Toggle Switches, Process Sealed, Right Angle, Retention Feature

SEE PAGE C19 FOR PRODUCT SPECIFICATIONS

SPDT/DPDT



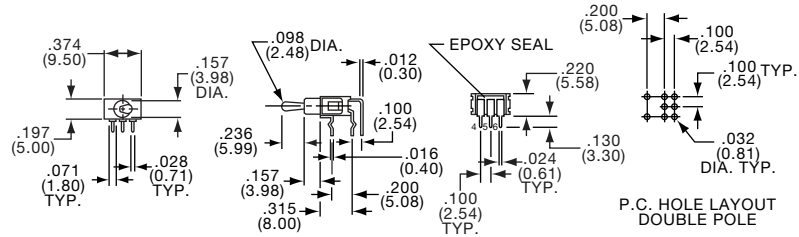
ATE1DGRA1
Horizontal Actuation



Extra compact double pole saves PCB real estate.



ATE2DGRA1
Horizontal Actuation

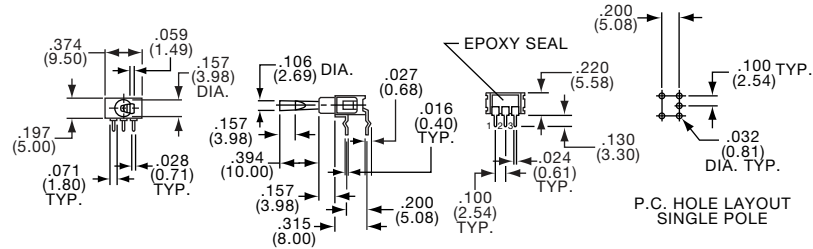


Tyco Electronics	Alcoswitch	Type	On	None	On	Contact Type	Tyco Electronics	Alcoswitch	Type	On	None	On	Contact Type
1437557-4	ATE1DGRA1	SPDT	On	None	On	Gold	1-1437557-7	ATE2DGRA1	DPDT	On	None	On	Gold
1437557-8	ATE1EGRA1	SPDT	On	Off	On	Gold	3-1437592-7	ATE2EGRA1	DPDT	On	Off	On	Gold
1-1437557-0	ATE1FGRA1	SPDT	On	None (On)	On	Gold		ATE2GGRA1	DPDT	(On)	Off	(On)	Gold
1-1437557-4	ATE1GGRA1	SPDT	(On)	Off	(On)	Gold	Terminals Connected:			2-3		2-1	
Terminals Connected:			2-3		2-1					5-6		5-4	
(On) indicates momentary position.							(On) indicates momentary position.						

SPDT/DPD



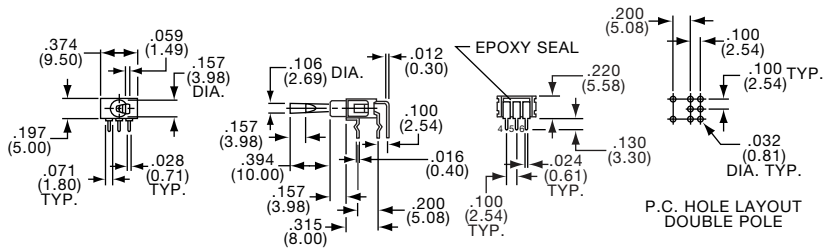
ATE1DGRA7
Horizontal Actuation



Extra compact double pole saves PCB real estate.



ATE2DGRA7
Horizontal Actuation



Tyco Electronics	Alcoswitch	Type	On	None	On	Contact Type	Tyco Electronics	Alcoswitch	Type	On	None	On	Contact Type
1437557-5	ATE1DGRA7	SPDT	On	None	On	Gold	1-1437557-8	ATE2DGRA7	DPDT	On	None	On	Gold
1437557-9	ATE1EGRA7	SPDT	On	Off	On	Gold	Terminals Connected:			2-3		2-1	
1-1437557-1	ATE1FGRA7	SPDT	On	None (On)	On	Gold				5-6		5-4	
Terminals Connected:			2-3		2-1								
(On) indicates momentary position.							(On) indicates momentary position.						

ATE Series