Excellent Integrated System Limited

Stocking Distributor

Click to view price, real time Inventory, Delivery & Lifecycle Information:

TE Connectivity Alcoswitch Switches
ATE1DGPC1

For any questions, you can email us directly:
sales@integrated-circuit.com

Distributor of TE Connectivity Alcoswitch Switches: Excellent Integrated System Limited
Datasheet of ATE1DGPC1 - SWITCH TOGGLE SPDT 0.4VA 20V
Contact us: sales@integrated-circuit.com Website: www.integrated-circuit.com

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

MATERIAL SPECIFICATIONS:

Contacts .....Gold over nickel plate
Case Material .....Polyester 94V-0
Actuator Material .....Nickel plated copper alloy
Terminals .....Phosphor bronze
Terminal Seal .....Epoxy
Process Seal .....Tested to MIL-STD-202, method 112
(Internal O-Ring) test condition A and D, 85°C

TYPICAL PERFORMANCE CHARACTERISTICS:

Contact Rating .....0.4 VA Max. @ 20 VDC
Initial Contact Resistance .....100 Milliohms max.
Contact Timing .....Break-before-make
Insulation Resistance .....500 Megohms @ 250 VDC min.
Dielectric Strength .....500 Volts RMS @ sea level
Actuation Force .....400 Grams
Life Expectancy .....Up to 10,000 Cycles

ENVIRONMENTAL SPECIFICATIONS

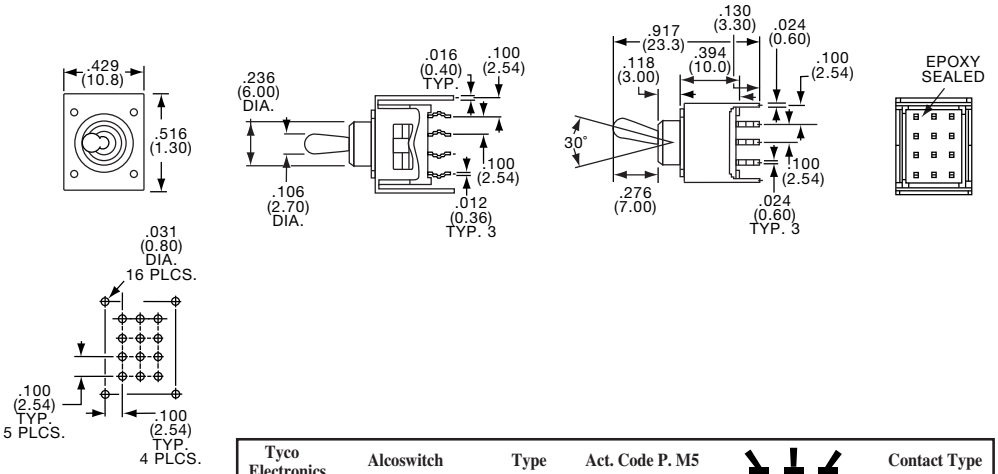
Operating Temperature.....-4°F to +176°F (-20°C to +80°C)
Storage Temperature.....-40°F to +176°F (-40°C to +80°C)

C

ATE Series

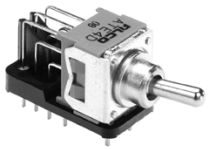
4PDT

ATE4DGPC2

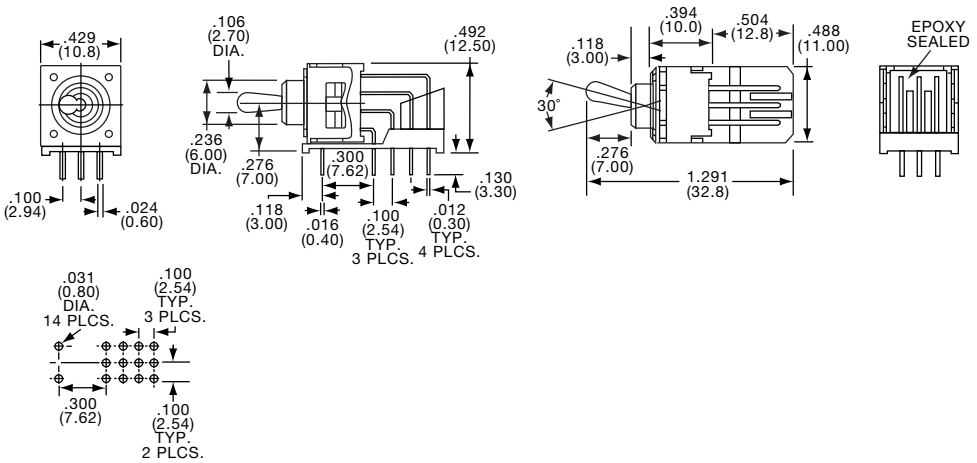


Tyco Electronics	Alcoswitch	Type	Act. Code P. M5				Contact Type
2-1437557-1	ATE4DGPC2	4PDT	8	On	None	On	Gold

4PDT



ATE4DGRA2



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

Catalog 1308390
Issued 9-04
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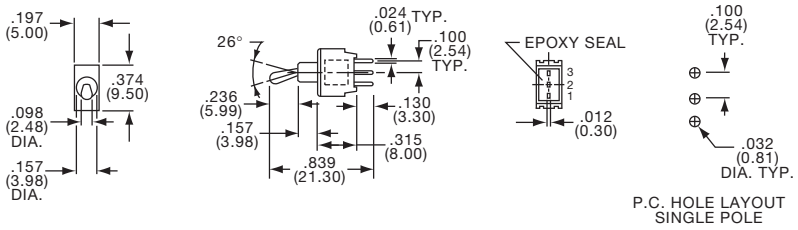
Toggle Switches, Process Sealed, Vertical, Round or Flat Actuators

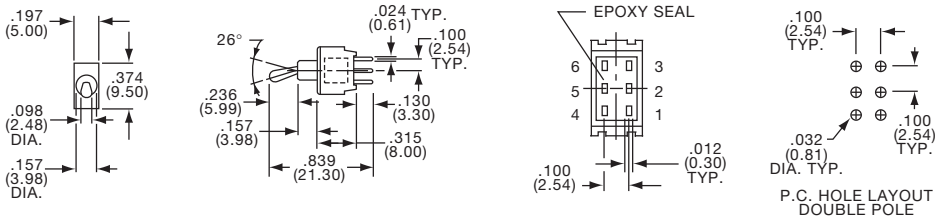
SEE PAGE C19 FOR PRODUCT SPECIFICATIONS

SPDT/DPDT



ATE1DGPC1

Extra compact double pole saves PCB real estate.



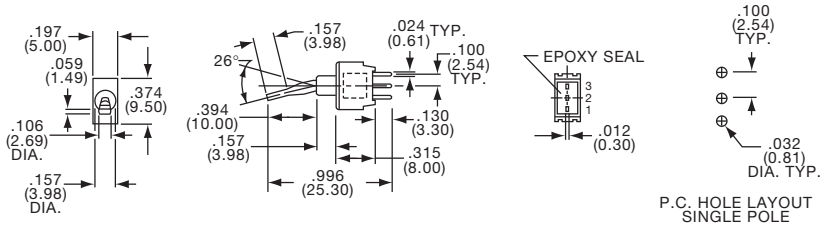
ATE2DGPC1

Tyco Electronics	Alcoswitch	Type				Contact Type
1437557-2	ATE1DGPC1	SPDT	On	None	On	Gold
1437557-6	ATE1EGPC1	SPDT	On	Off	On	Gold
	ATE1FGPC1	SPDT	On	None	(On)	Gold
1-1437557-2	ATE1GGPC1	SPDT	(On)	Off	(On)	Gold
Terminals Connected:			2-3		2-1	

(On) indicates momentary position.

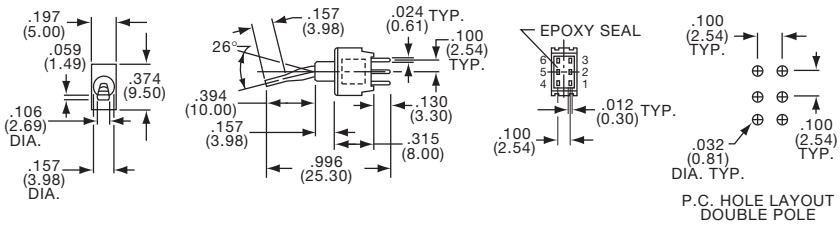
Tyco Electronics	Alcoswitch	Type				Contact Type
1-1437557-5	ATE2DGPC1	DPDT	On	None	On	Gold
1-1437557-9	ATE2EGPC1	DPDT	On	Off	On	Gold
Terminals Connected:			2-3		2-1	
			5-6		5-4	

SPDT/DPDT



ATE1DGPC7

Extra compact double pole saves PCB real estate.



ATE2DGPC7

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

(On) indicates momentary position.

Tyco Electronics	Alcoswitch	Type				Contact Type
1-1437557-6	ATE2DGPC7	DPDT	On	None	On	Gold
Terminals Connected:			2-3		2-1	
			5-6		5-4	

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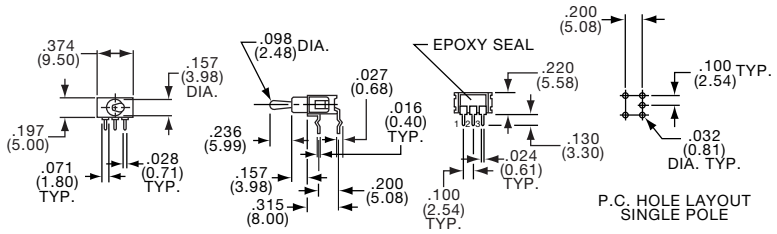
Toggle Switches, Process Sealed, Right Angle, Retention Feature

SEE PAGE C19 FOR PRODUCT SPECIFICATIONS

SPDT/DPDT

ATE1DGRA1
Horizontal Actuation



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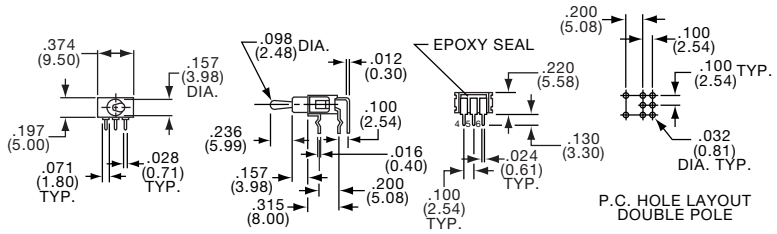
ATE2DGRA1
Horizontal Actuation



Tyco Electronics	Alcoswitch	Type				Contact Type
1437557-4	ATE1DGRA1	SPDT	On	None	On	Gold
1437557-8	ATE1EGRA1	SPDT	On	Off	On	Gold
1-1437557-0	ATE1FGRA1	SPDT	On	None	(On)	Gold
1-1437557-4	ATE1GGRA1	SPDT	(On)	Off	(On)	Gold
Terminals Connected:			2-3		2-1	

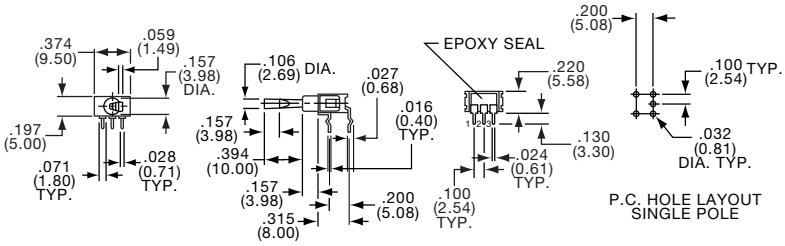
(On) indicates momentary position.

Tyco Electronics	Alcoswitch	Type				Contact Type
1-1437557-7	ATE2DGRA1	DPDT	On	None	On	Gold
3-1437592-7	ATE2EGRA1	DPDT	On	Off	On	Gold
	ATE2GGRA1	DPDT	(On)	Off	(On)	Gold
Terminals Connected:			2-3		2-1	
			5-6		5-4	

(On) indicates momentary position.

SPDT/DPD

ATE1DGRA7
Horizontal Actuation



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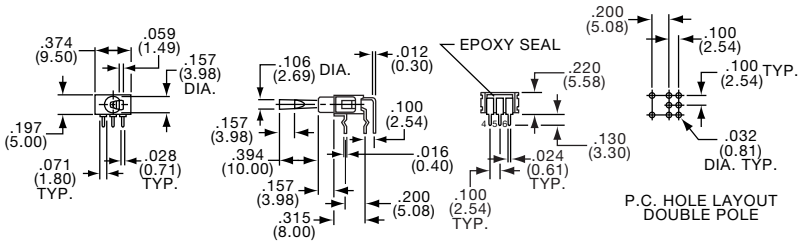
ATE2DGRA7
Horizontal Actuation



Tyco Electronics	Alcoswitch	Type				Contact Type
1437557-5	ATE1DGRA7	SPDT	On	None	On	Gold
1437557-9	ATE1EGRA7	SPDT	On	Off	On	Gold
1-1437557-1	ATE1FGRA7	SPDT	On	None	(On)	Gold
Terminals Connected:			2-3		2-1	

(On) indicates momentary position.

Tyco Electronics	Alcoswitch	Type				Contact Type
1-1437557-8	ATE2DGRA7	DPDT	On	None	On	Gold
Terminals Connected:			2-3		2-1	
			5-6		5-4	

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