

DIP Switches, Extended or Flush Actuator, Auto Insertable, Through Hole and Surface Mount

FEATURES:

- Available in PC and surface mount termination versions.
- High pressure wiping contact allows aqueous or solvent cleaning without tape seal.
- Auto-insertable
- Tape Seal version for vacuum pick-n-place
- Unique design can withstand vapor phase reflow or wave soldering conditions.
- Gas tight contacts
- Shipped in the off position

ENVIRONMENTAL SPECIFICATIONS:

Operating Temperature-30°C to + 85°
Storage Temperature-45°C to + 100°C
Solder Heat Resistance.....245°C ± 5°C with switch in “off” position 30 seconds when mounted on a .060” thick PCB per MIL-STD202, Method 210
Cleaning.....Aqueous solution or solvent

MATERIAL SPECIFICATIONS:

	Base	Cover	Actuator
PC	Polyester	Polyester	Polyester
SMT	PPS	PPS	Polyamide

TYPICAL PERFORMANCE CHARACTERISTICS:

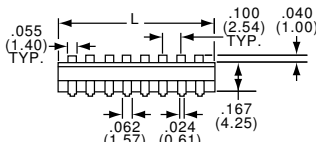
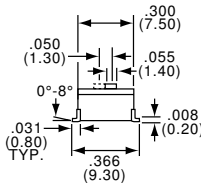
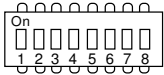
Contact Rating0.4 VA @ 20 VDC max.
Initial Contact Resistance50 Milliohms max.
Insulation Resistance1,000 Megohms min. @ 100 VDC
Dielectric Strength500 VAC
Operating ForceLess than 1,000 grams
Actuator TravelAD/R Series 1.30mm/.050” piano style 25°
Life Expectancy1,000 Cycles



ADE



ADE08



“S” Termination Shown

Extended Actuator

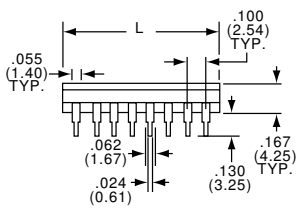
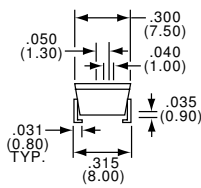
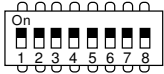
PC Term.	“S” Term.	“SA” Term.	No. of Positions	Actuator Style
ADE02	ADE02S	ADE02SA	2	Slide
ADE03	ADE03S	ADE03SA	3	Slide
ADE04	ADE04S	ADE04SA	4	Slide
ADE05	ADE05S	ADE05SA	5	Slide
ADE06	ADE06S	ADE06SA	6	Slide
ADE07	ADE07S	ADE07SA	7	Slide
ADE08	ADE08S	ADE08SA	8	Slide
ADE09	ADE09S	ADE09SA	9	Slide
ADE10	ADE10S	ADE10SA	10	Slide
ADE12	ADE12S	ADE12SA	12	Slide

See Page 6004 for PC Pad Layout and “L” dimensions.

ADF



ADF08S



“SA” Termination Shown

Flush Actuator

PC Term	“PC” Term. w/Tape.	“S” Term.	“S” Term. w/Tape Seal	Tape & Reel	“SA” Term.	“SA” Term. w/Tape Seal	No. of Positions	Actuator Style
ADF02	ADF02T	ADF02S	ADF02ST	ADF02STTR	ADF02SA	ADF02SAT	2	Slide
ADF03	ADF03T	ADF03S	ADF03ST	ADF03STTR	ADF03SA	ADF03SAT	3	Slide
ADF04	ADF04T	ADF04S	ADF04ST	ADF04STTR	ADF04SA	ADF04SAT	4	Slide
ADF05	ADF05T	ADF05S	ADF05ST	ADF05STTR	ADF05SA	ADF05SAT	5	Slide
ADF06	ADF06T	ADF06S	ADF06ST	ADF06STTR	ADF06SA	ADF06SAT	6	Slide
ADF07	ADF07T	ADF07S	ADF07ST	ADF07STTR	ADF07SA	ADF07SAT	7	Slide
ADF08	ADF08T	ADF08S	ADF08ST	ADF08STTR	ADF08SA	ADF08SAT	8	Slide
ADF09	ADF09T	ADF09S	ADF09ST	ADF09STTR	ADF09SA	ADF09SAT	9	Slide
ADF10	ADF10T	ADF10S	ADF10ST	ADF10STTR	ADF10SA	ADF10SAT	10	Slide
ADF12	ADF12T	ADF12S	ADF12ST	ADF12STTR	ADF12SA	ADF12SAT	12	Slide

Tape seal version for vacuum pick and place.

See Page 6004 for PC Pad Layout and “L” Dimensions.

For complete product information, order Catalog 1308390

Products for Industrial & Commercial Applications

Dimensions are shown for reference purposes only.

Dimensions are in inches and millimeters unless otherwise specified. Values in brackets are metric equivalents.

Specifications subject to change.

Technical Support Center
1-800-522-6752
www.tycoelectronics.com

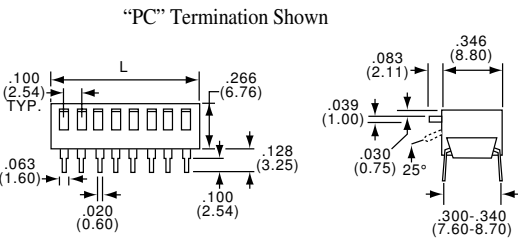
DIP Switches, Piano Actuator, Auto Insertable, and Through Hole, and Surface Mount

ADP



ADP04S

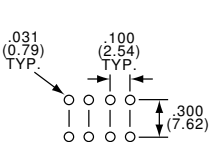
Piano Actuator



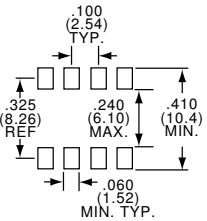
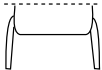
Poles	Bodylength "L"	Poles	Bodylength "L"
2	0.278" (7.06mm)	7	0.778" (19.76mm)
3	0.378" (9.60mm)	8	0.878" (22.30mm)
4	0.478" (12.14mm)	9	0.978" (24.84mm)
5	0.578" (14.68mm)	10	1.078" (27.38mm)
6	0.678" (17.22mm)	12	1.250" (32.51mm)

PC		S		SA		No. of Positions	Actuator Style
Lever Down "On"	Lever Up "On"	Lever Down "On"	Lever Up "On"	Lever Down "On"	Lever Up "On"		
ADP02	ADPA02	ADP02S	ADPA02S	ADP02SA	ADPA02SA	2	Piano
ADP04	ADPA04	ADP04S	ADPA04S	ADP04SA	ADPA04SA	4	Piano
ADP05	ADPA05	ADP05S	ADPA05S	ADP05SA	ADPA05SA	5	Piano
ADP06	ADPA06	ADP06S	ADPA06S	ADP06SA	ADPA06SA	6	Piano
ADP07	ADPA07	ADP07S	ADPA07S	ADP07SA	ADPA07SA	7	Piano
ADP08	ADPA08	ADP08S	ADPA08S	ADP08SA	ADPA08SA	8	Piano
ADP09	ADPA09	ADP09S	ADPA09S	ADP09SA	ADPA09SA	9	Piano
ADP10	ADPA10	ADP10S	ADPA10S	ADP10SA	ADPA10SA	10	Piano

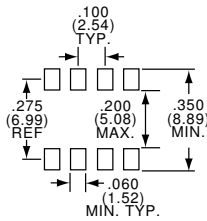
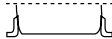
TERMINATION OPTIONS



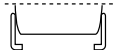
PC Termination



S Termination



SA Termination



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