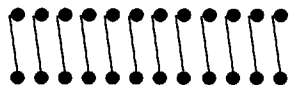


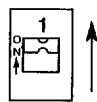
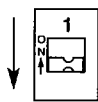
SURFACE MOUNT DIP SWITCH

CIRCUITRY

SPST



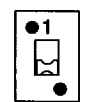
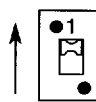
2PST



SPDT

2 Circuits, (No Commons)

Dot on cover indicates active terminal when slide is on that side of switch. Contact is made with terminal on opposite side.



To create common poles, tie together 2 adjoining terminals on 1 (either) side of switch.

SPECIFICATIONS

Ratings

Mechanical Life: 20,000 operations per switch position

Make and Break Current Rating: 10,000 operations per switch position at 1 mA, 5 Vdc; 50 mA, 30 Vdc; or 150 mA, 30 Vdc.

Contact Resistance:

Initially: $\leq 30 \text{ m}\Omega$

After Life: $\leq 100 \text{ m}\Omega$ at 10 mA, 50 Vdc, open circuit

Insulation Resistance: Minimum, at 100 Vdc between adjacent closed contacts and also across open switch contacts.

Initially (megohms): 2,000

After Life (megohms): 1,000

Dielectric Strength: Minimum voltage (AC, RMS) measured between adjacent closed contacts and also across open switch contacts.

Initially: 750 V

After Life: 500 V

Current Carry Rating: 4 A, maximum rise of 20°C

Switch Capacitance: 2 pF at 1 megahertz

Operating Temperature: -40°C to +85°C

Storage Temperature: -55°C to +85°C

SMT Processing Temperature: 260°C

(1 pass)

Environmental

Meets all requirements of MIL-S-83504. Where Grayhill performance is superior, the MIL spec is listed in parentheses.

Vibration: Per method 204, Test Condition B, 1 microsecond opening (10 microseconds allowed)

Mechanical Shock: Per Method 213, Test Condition A, 1 microsecond opening (10 microseconds allowed)

Moisture Resistance: Per specification, Method 106

Thermal Shock: Per specification; no failures; passes contact resistance

Terminal Strength: Per specification

Thermal Aging: 1,000 hours at 85°C; no failures

Soldering Information

Tested to EIA Standard RS-448-2

Resistance to Soldering Heat: Per MIL-S-83504, six second test

Tape Seal: Provided without tape seal. Contact Grayhill if tape seal is required

Recommended Processing Temperature: 220°C–230°C

Processing Position: Switch is to be processed with all actuators in the closed (on) position as shipped

Materials and Finishes

Shorting Member: Brass, gold plated 10 microinches minimum over nickel barrier

Base Contacts: Copper alloy, gold plated 10 microinches minimum over nickel barrier

Terminals: Copper alloy, solder plated over nickel barrier

Solderability: Per MIL-STD-202 Method 208

Non-Conductive Parts: Cover is natural color thermoplastic, actuators are natural thermoplastic, UL94V-O rating

ORDERING INFORMATION—Tape and Reel Packaging

See page B-11.



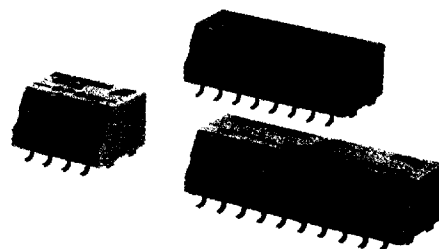
D 98E ■ 4099199 0004500 563 ■

SURFACE MOUNT PIANO®-DIP SWITCH

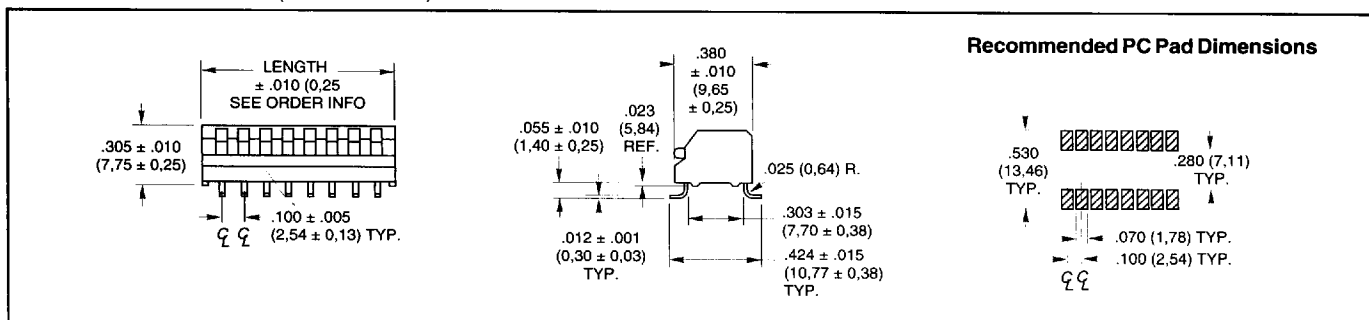
SERIES 76HP

FEATURES

- Compatible with SMT Assembly Including Infrared Reflow and Vapor-Phase
- Easily Accessed when PC Boards are Racked
- Reliable Spring and Ball Contact

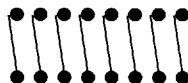


DIMENSIONS In inches (and millimeters)



CIRCUITRY

As viewed from the top of the switch in the positions shown in the drawing.



SPECIFICATIONS

Ratings

Mechanical Life: 20,000 operations per switch position

Make and Break Current Rating: 10,000 operations per switch position at 1 mA, 5Vdc; 50 mA, 30 Vdc; or 150 mA, 30 Vdc

Contact Resistance:

Initially ≤ 30 mΩ
After life ≤ 100 mΩ at 10 mA, 50 Vdc, open circuit

Insulation Resistance:

Minimum, at 100 Vdc between adjacent closed contacts and also across open switch contacts
Initially (megohms) 2,000

Dielectric Strength: Minimum voltage (AC, RMS) measured between adjacent closed contacts and also across open switch contacts.

Initially 750 V
After life 500 V

Current Carry Rating: 5 A, maximum rise of 20°C

Switch Capacitance: 2 pF at 1 megahertz

Operating Temperature: -40°C to +85°C

Storage Temperature: -55°C to +85°C

SMT Processing Temperature: 260°C max. (1 pass)

Environmental

Meets all requirements of MIL-S-83504. Where Grayhill performance is superior, the MIL spec is listed in parentheses.

Vibration: Per method 204, Test Condition B 1 microsecond opening (10 microseconds allowed)

Mechanical Shock: Per Method 213, Test Condition A. 1 microsecond opening (10 microseconds allowed)

Moisture Resistance: Per specification, Method 106.

Thermal Shock: Per specification; no failures; passes contact resistance.

Terminal Strength: Per specification.

Thermal Aging: 1,000 hours at 85°C; no failures.

Soldering Information

Tested to EIA Standard RS-448-2.

Resistance to Soldering Heat: Per MIL-S-83504, six second test

Tape Seal: Provided without tape seal. Contact Grayhill if tape seal is required.

Processing Temperature: 220°C–230°C recommended

Processing Position: Switch is to be processed with all actuators in the closed (on) position as shipped.

Materials and Finishes

Shorting Member: Brass, gold plated 10 microinches minimum over nickel barrier.

Base Contacts: Copper alloy, gold plated 10 microinches minimum over nickel barrier.

Terminals: Copper alloy, solderplated over nickel barrier.

Solderability: Per MIL-STD-202, Method 208

Non-Conductive Parts: Cover is natural color thermoplastic, actuators are white thermoplastic, UL94V-O rating.

ORDERING INFORMATION—Tape and Reel Packaging

See page B-11.



D 98E ■ 4099199 0004501 4TT ■

561 Hillgrove Avenue • LaGrange, Illinois 60525 • USA • Phone: (708) 354-1040 • Fax: (708) 354-2820 • <http://www.grayhill.com>

B-10

TAPE AND REEL PACKAGING INFORMATION

SERIES 90HBW SURFACE MOUNT DIP SWITCHES

ORDERING INFORMATION—Tape and Reel Packaging 750 switches per reel.

No. of Positions	Length Inches	Length Metric	Gull Wing Part Number	J Bend Part Number
2	.270"	6,9 mm	90HBW02SR	90HBJ02SR
3	.370"	9,4 mm	90HBW03SR	90HBJ03SR
4	.470"	11,9 mm	90HBW04SR	90HBJ04SR
5	.570"	14,48 mm	90HBW05SR	90HBJ05SR
6	.670"	17,0 mm	90HBW06SR	90HBJ06SR
7	.770"	19,56 mm	90HBW07SR	90HBJ07SR
8	.870"	22,1 mm	90HBW08SR	90HBJ08SR
9	.970"	24,64 mm	90HBW09SR	90HBJ09SR
10	1.070"	27,2 mm	90HBW10SR	90HBJ10SR

SERIES 76HP WITH SUFFIX GW SURFACE MOUNT PIANO-DIP SWITCHES

ORDERING INFORMATION—Tape and Reel Packaging 500 switches per reel.

No. of Positions*	Length Inches	Length Metric	Part Number
2	0.280"	7,1 mm	76HPSB02GWR
4	0.480"	12,2 mm	76HPSB04GWR
6	0.680"	17,3 mm	76HPSB06GWR
8	0.880"	22,4 mm	76HPSB08GWR
9	0.980"	24,9 mm	76HPSB09GWR
10	1.080"	27,4 mm	76HPSB10GWR
12	1.280"	32,5 mm	76HPSB12GWR

* For other lengths, contact Grayhill, Inc.

SERIES 78H WITH SUFFIX GW SURFACE MOUNT DIP SWITCHES

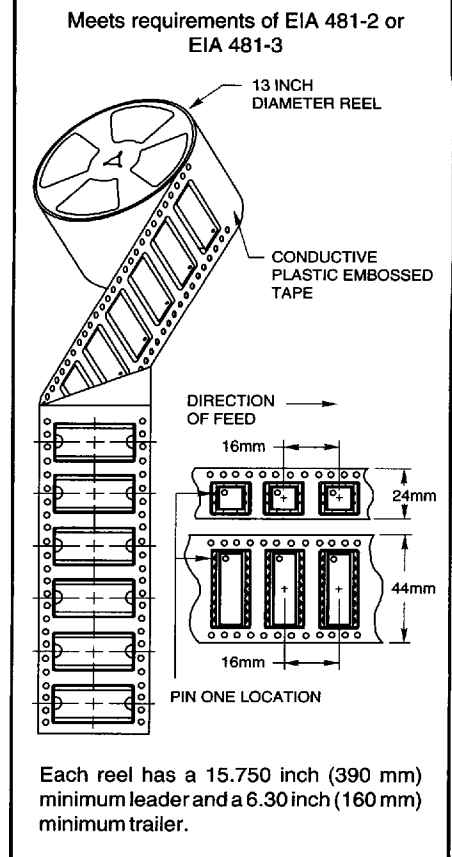
ORDERING INFORMATION*—Tape and Reel Packaging 500 switches per reel.

Single quantity provided in tube or in tube multiple plus required part number.

Switch Type	No. of Positions	Length—Inches (mm)	Part Number
Series 78 Surface Mount Raised Slide	2	0.280 (7,1)	78HB02GW
	4	0.480 (12,2)	78HB04GW
	6	0.680 (17,3)	78HB06GW
	8	0.880 (22,4)	78HB08GW
	10	1.080 (27,4)	78HB10GW
Series 78 Surface Mount Recessed Slide	2	0.280 (7,1)	78HRB02GW
	4	0.480 (12,2)	78HRB04GW
	6	0.680 (17,3)	78HRB06GW
	8	0.880 (22,4)	78HRB08GW
	10	1.080 (27,4)	78HRB10GW
Series 78 Surface Mount Raised Slide Single Pole Double Throw	1	0.280 (7,1)	78HJ01GW
	2	0.480 (12,2)	78HJ02GW
	3	0.680 (17,3)	78HJ03GW
	4	0.880 (22,4)	78HJ04GW
	5	1.080 (27,4)	78HJ05GW
Series 78 Surface Mount Raised Slide Double Pole Single Throw	1	0.280 (7,1)	78HF01GW
	2	0.480 (12,2)	78HF02GW
	3	0.680 (17,3)	78HF03GW
	4	0.880 (22,4)	78HF04GW
	5	1.080 (27,4)	78HF05GW

* Contact Grayhill for other switch lengths, sealing, or packaging

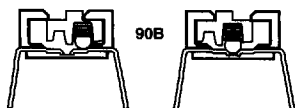
TAPE AND REEL PACKAGING



Available from your local Grayhill Distributor Priced competitively. For prices and discounts, contact a local Sales Office, an authorized local Distributor, or Grayhill. Evaluation reels containing 25 switches are available. Contact Sales Office.

MACHINE INSERTABLE DIP SWITCH

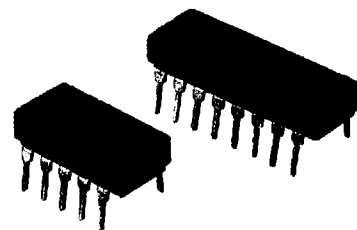
SERIES 90



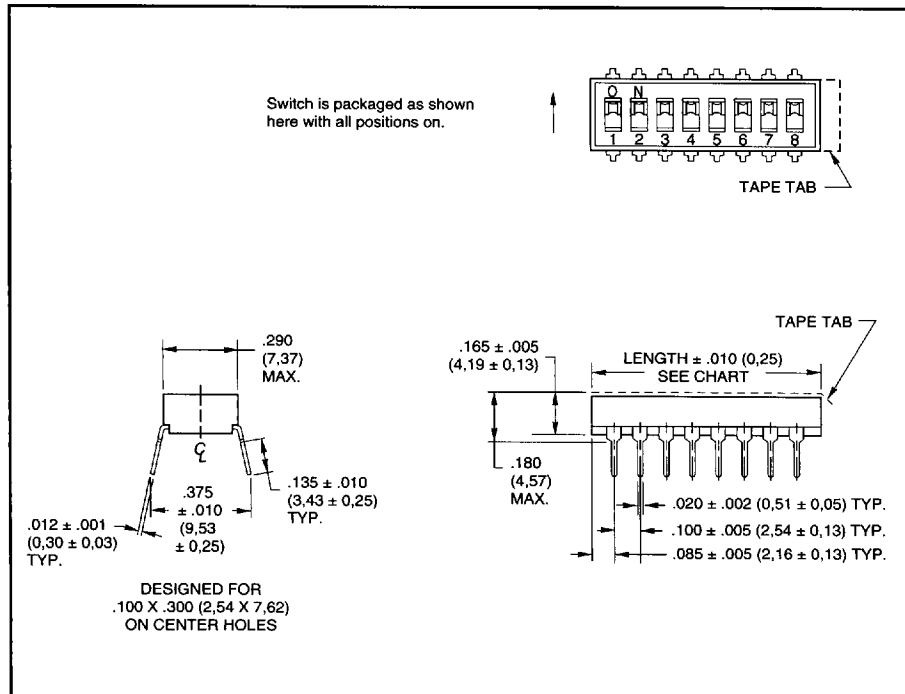
FEATURES

- Tested for TO-116 Equipment
- Up to 10 Positions
- High Pressure, Reliable Contacts
- Molded (Sealed) Base and Optional Top Seal
- Pressure Sensitive Adhesive for Non-Washable Processes

MIDIP® SWITCH

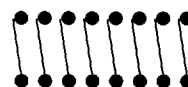


DIMENSIONS In inches and millimeters



CIRCUITRY

As viewed from the top of the switch in the positions shown in the drawing.



ORDERING INFORMATION—Tube Packaging Each tube is 19.5 inches long.

Part Number	No. Of Stations	Length Inches	Length Metric	Number Per Tube
90B02S	2	.270"	6,9 mm	60
90B03S	3	.370"	9,4 mm	47
90B04S	4	.470"	11,9 mm	37
90B05S	5	.570"	14,5 mm	31
90B06S	6	.670"	17,0 mm	26
90B07S	7	.770"	19,6 mm	23
90B08S	8	.870"	22,1 mm	20
90B09S	9	.970"	24,6 mm	18
90B10S	10	1.070"	27,2 mm	16

The "S" at the end of the part number denotes top tape seal versions. To order without top tape seal, leave the "S" off the part number when ordering.

Available from your local Grayhill Distributor Priced competitively. For prices and discounts, contact a local Sales Office, an authorized local Distributor, or Grayhill.

ADDITIONAL INFORMATION

For Specifications, see page B-17.
For Options and Accessories, see page B-24.

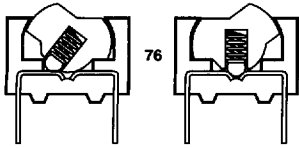


98E 4099199 0004503 272
561 Hillgrove Avenue • LaGrange, Illinois 60525 • USA • Phone: (708) 354-1040 • Fax: (708) 354-2820 • <http://www.grayhill.com>

B-12

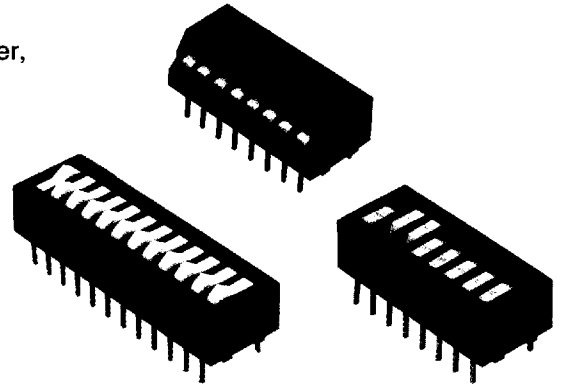
SPST ROCKER DIP SWITCHES

SERIES 76



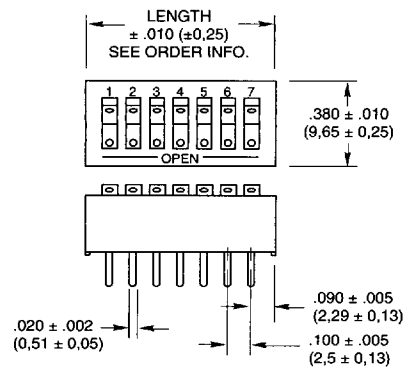
FEATURES

- Raised and Recessed Rocker, and PIANO-DIP® Styles
- Sealed Base Standard
- Spring and Ball Contact
- Top Tape Seal Option

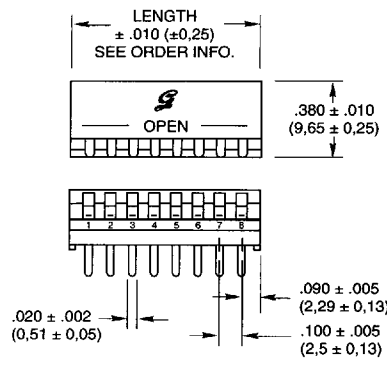


DIMENSIONS In inches (and millimeters)

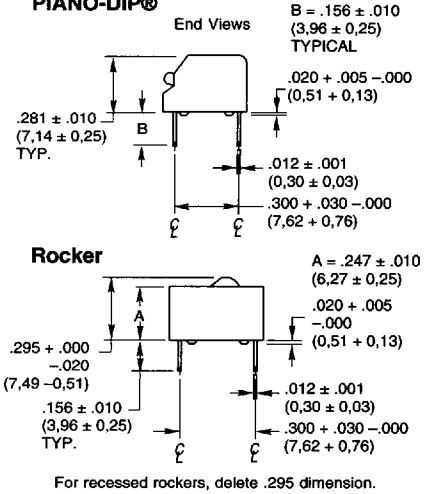
Rocker and Recessed Rocker



Side Actuated PIANO-DIP®

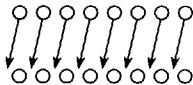


PIANO-DIP®



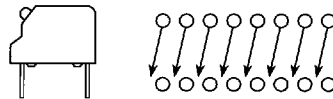
CIRCUITRY

Styles 76SB and 76RSB



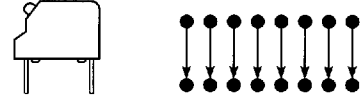
Typical circuit diagram with actuator as shown in the dimension drawing.

Style 76PSB UP IS OPEN (OFF)



Actuator shown in the up position.

Styles 76PRB UP IS CLOSED (ON)



Actuator shown in the up position.

ORDERING INFORMATION

No. Of Positions	Length Inches	Length Metric	No./ Tube	Raised Rocker	Recessed Rocker	PIANO-DIP® Up is Off	PIANO-DIP® Up is On
2	0.280"	7,1mm	35	76SB02	76RSB02	76PSB02	76PRB02
3	0.380"	9,7mm	27	76SB03	76RSB03	76PSB03	76PRB03
4	0.480"	12,2mm	21	76SB04	76RSB04	76PSB04	76PRB04
5	0.580"	14,7mm	18	76SB05	76RSB05	76PSB05	76PRB05
6	0.680"	17,3mm	15	76SB06	76RSB06	76PSB06	76PRB06
7	0.780"	19,8mm	13	76SB07	76RSB07	76PSB07	76PRB07
8	0.880"	22,4mm	12	76SB08	76RSB08	76PSB08	76PRB08
9	0.980"	24,9mm	10	76SB09	76RSB09	76PSB09	76PRB09
10	1.080"	27,4mm	9	76SB10	76RSB10	76PSB10	76PRB10
12	1.280"	32,5mm	8	76SB12	76RSB12	76PSB12	76PRB12

A top tape seal is required for switches that are machine soldered or heavily cleaned after hand soldering. To order top seal versions, add "S" to the Grayhill part number.

Available from your local Grayhill Distributor Priced competitively. For prices and discounts, contact a local Sales Office, an authorized local Distributor, or Grayhill.

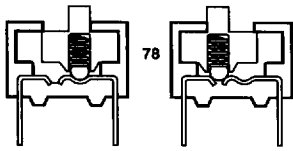
For Specifications, see page B-17.
For Options and Accessories, see page B-24.



98E 4099199 0004504 109

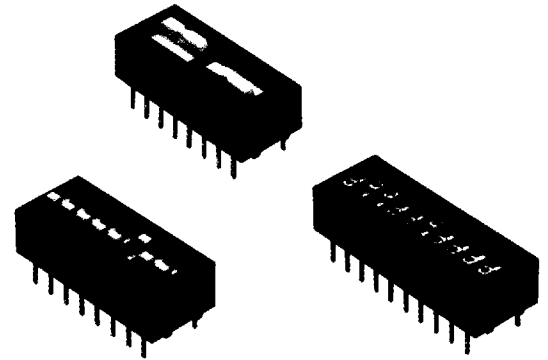
SPST TO 4PST SLIDE DIP SWITCHES

SERIES 78

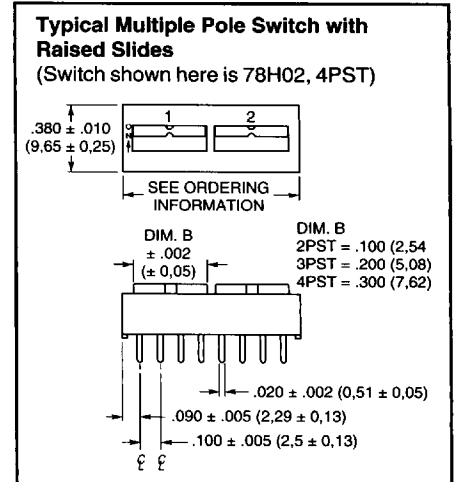
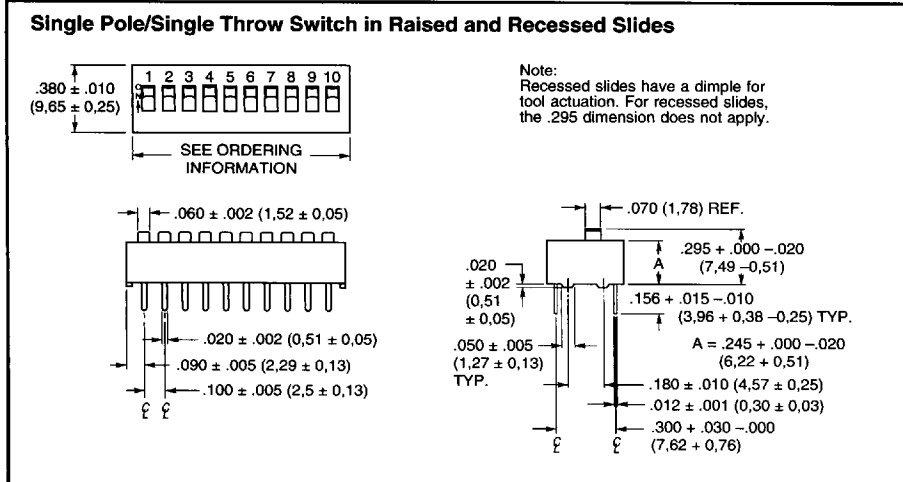


FEATURES

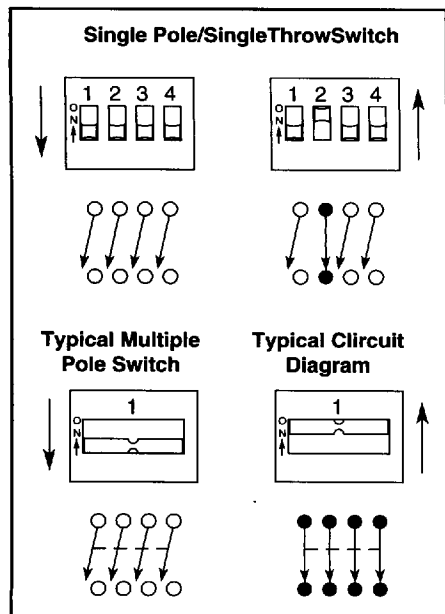
- Raised and Recessed Slides
- SPST, 2PST, 3PST, 4PST
- Sealed Base Standard
- Spring and Ball Contact
- Top Tape Seal Option



DIMENSIONS In inches (and millimeters)



CIRCUITRY



ORDERING INFORMATION

Circuitry	No. of Positions	Length Inches	Length Metric	No./Tube	Raised Slides	Recessed Slides	
SPST	2	0.280"	7,1mm	35	78B02	78RB02	
	3	0.380"	9,7mm	27	78B03	78RB03	
	4	0.480"	12,2mm	21	78B04	78RB04	
	5	0.580"	14,7mm	18	78B05	78RB05	
	6	0.680"	17,3mm	15	78B06	78RB06	
	7	0.780"	19,8mm	13	78B07	78RB07	
	8	0.880"	22,4mm	12	78B08	78RB08	
	9	0.980"	24,9mm	10	78B09	78RB09	
	10	1.080"	27,4mm	9	78B10	78RB10	
	12	1.280"	32,5mm	8	78B12	78RB12	
	2PST	1	0.280"	7,1mm	35	78F01	Recessed Slides
		2	0.480"	12,2mm	21	78F02	
3		0.680"	17,3mm	15	78F03		
4		0.880"	22,4mm	12	78F04		
5		1.080"	27,4mm	9	78F05		
3PST	1	0.380"	9,7mm	27	78G01	Not Available	
	2	0.680"	17,3mm	15	78G02		
	3	0.980"	24,9mm	10	78G03		
4PST	1	0.480"	12,2mm	21	78H01	Not Available	
	2	0.880"	22,4mm	12	78H02		

For switches with 5, 6, 7, 8, or 10PST circuitry, contact Grayhill.
A top tape seal is required for switches that are machine soldered or heavily cleaned after hand soldering. To order top seal versions, add "S" to the Grayhill part number.

Available from your local Grayhill Distributor. Priced competitively. For prices and discounts, contact a local Sales Office, an authorized local Distributor, or Grayhill.

ADDITIONAL INFORMATION

For Specifications see page B-17.
For other Options and Accessories, see pages B-23 and B-24.



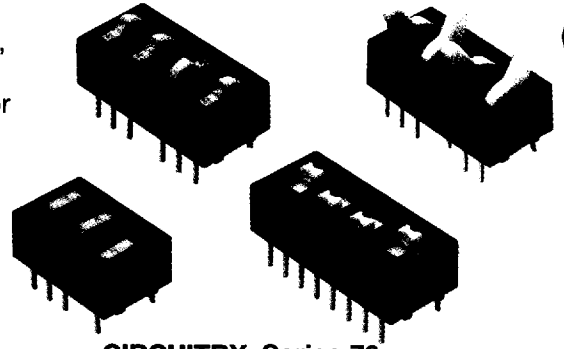
561 Hillgrove Avenue • LaGrange, Illinois 60525 • USA • Phone: (708) 354-1040 • Fax: (708) 354-2820 • <http://www.grayhill.com>

SPDT DIP SWITCHES

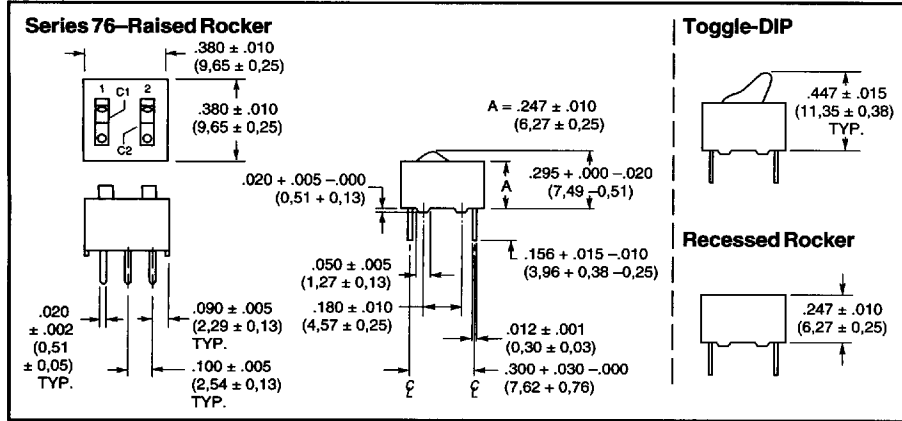
SERIES 76 AND 78

FEATURES

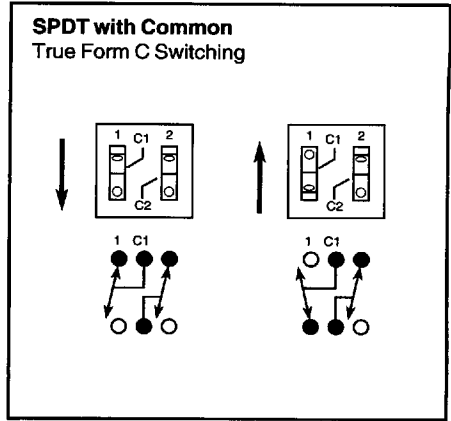
- Raised and Recessed Rocker, and Toggle Actuated Styles
- SPDT with a Common Pole, or SPDT with 2 Isolated Circuits
- Spring and Ball Contact
- Top Tape Seal Option for Most Styles



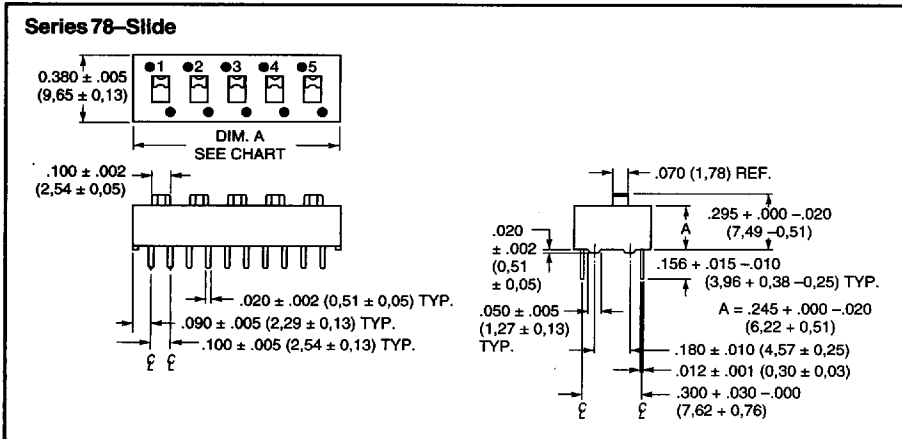
DIMENSIONS—Series 76 In inches (and millimeters)



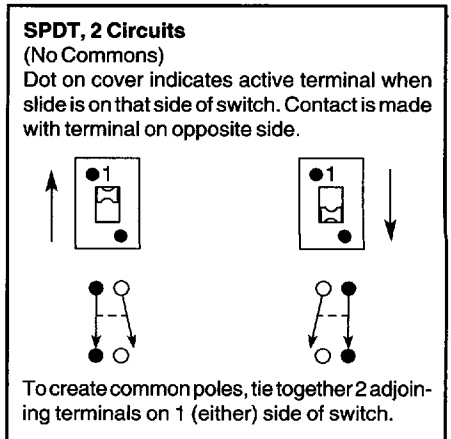
CIRCUITRY—Series 76



DIMENSIONS—Series 78 In inches (and millimeters)



CIRCUITRY—Series 78



ORDERING INFORMATION

Circuitry	Positions	Length Inches	Length Metric	No./Tube	Raised Type	Recessed Rockers	TOGGLE-DIP
SPDT Form C	2	0.380"	9,7mm	27	76SC02	76RSC02	76STC02
	3	0.580"	14,7mm	18	76SC03	76RSC03	76STC03
	4	0.780"	19,8mm	13	76SC04	76RSC04	76STC04
SPDT Circuits	1	0.280"	7,1mm	35	78J01	—	—
	2	0.480"	12,2mm	21	78J02	—	—
	3	0.680"	17,3mm	15	78J03	—	—
	4	0.880"	22,4mm	12	78J04	—	—
	5	1.080"	27,4mm	9	78J05	—	—

To order top seal versions, add "S" to the Grayhill part number. Not available on TOGGLE-DIP.

Available from your local Grayhill Distributor
Priced competitively.
For prices and discounts, contact a local Sales Office, an authorized local Distributor, or Grayhill.

ADDITIONAL INFORMATION

For Specifications, see page B-17.
For other Options, see pages B-23 and B-24.



98E 4099199 0004506 T8J
561 Hillgrove Avenue • LaGrange, Illinois 60525 • USA • Phone: (708) 354-1040 • Fax: (708) 354-2820 • <http://www.grayhill.com>

DIP SWITCH SPECIFICATIONS

SPECIFICATIONS—Standard and Military Qualified Styles

Ratings	76	78	90B	90HB
Mechanical Life: Operations per switch position	20,000	20,000	5,000	5,000
Make and Break Current Rating: Operations per switch position at these resistive loads 1 mA, 5 Vdc; 50 mA, 30 Vdc; or 150 mA, 30 Vdc	10,000	10,000	—	—
10 mA, 30 Vdc; or 10 mA, 50 mVdc	—	—	2,000	—
10 mA, 50 mVdc; or 25 mA, 24 Vdc; or 100 mA, 6 Vdc	—	—	—	2,000
Contact Resistance: Initially	≤ 30 mΩ	≤ 30 mΩ	≤ 20 mΩ	≤ 20 mΩ
After life, at 10 mA, 50 Vdc, open circuit	≤ 100 mΩ	≤ 100 mΩ	≤ 100 mΩ	≤ 100 mΩ
Insulation Resistance: Minimum, at 100 Vdc between adjacent closed contacts and also across open switch contacts				
Initially (megohms)	5,000	5,000	5,000	5,000
After life (megohms)	1,000	1,000	1,000	1,000
Dielectric Strength: Minimum voltage (AC, RMS) measured between adjacent closed contacts and also across open switch contacts.				
Initially	750 V	750 V	500 V	500 V
After life	500 V	500 V	500 V	500 V
Current Carry Rating: Maximum rise of 20°C	5 A	4 A	3 A	3 A
Switch Capacitance: At 1 megahertz	2 pF	2 pF	2 pF	2 pF
Operating Temperature:	-40°C to +85°C	-40°C to +85°C	-40°C to +85°C	-40°C to +85°C
Storage Temperature:	-55°C to +85°C	-55°C to +85°C	-55°C to +85°C	-40°C to +85°C
SMT Processing Temperature (90HB):	—	—	—	260°C Max.

Environmental

Meets all requirements of MIL-S-83504. Where Grayhill performance is superior, the MIL spec is listed in parentheses.

Vibration: Per method 204, Test Condition B 1 microsecond opening (10 microseconds allowed)

Mechanical Shock: Per Method 213, Test Condition A. 1 microsecond opening (10 microseconds allowed)

Moisture Resistance: Per specification, Method 106.

Thermal Shock: Per specification; no failures; passes contact resistance.

Terminal Strength: Per specification

Thermal Aging: 1,000 hours at 85°C; no failures.

Surface Mount Switches (90HBW)

Additional Information

Recommended Processing Temperature: 220°C–230°C

Processing Position: Switch is to be processed with all actuators in the closed (on) position as shipped.

Machine Soldering

Series 90 MIDIP® and Series 76 recessed rocker (76RSB style) sealed switches have been tested to EIA Standard RS-448-2. Similar performance can be expected from other sealed Series 76 and 78 DIP switches.

Fluxing: Per EIA RS-448-2 with flux touching switch body.

Resistance to Soldering Heat: 76RSB—Passes EIA Standard using two, four, and six second soldering time. 90—Per MIL-S-83504, six second test.

Cleaning: 76RSB, 90—Passes immersion test using water/detergent.

Cleaning Solutions: Acceptable solutions include 1-1-1 trichlorethane, freon, (TF, TE, or TMS), isopropyl alcohol, detergent (140°F maximum). Terpene acceptable for Series 90 only. Solutions which are not recommended include acetone, methylene chloride, freon TMC.

Tape Seal Integrity: Passes gross leak test using 125°C flourinert for 20 seconds minimum. Reference MIL-STD-202, Method 112.

Materials and Finishes

Shorting Member (Ball): Brass, gold plated 10 microinches minimum over nickel barrier.

Base Contacts: Copper alloy, gold plated 10 microinches minimum over nickel barrier.

Terminals: Copper alloy, solder plated over nickel barrier.

Solderability: Per MIL-STD-202, Method 208

Non-Conductive Parts: Thermoplastic, UL94V-0 rating.

Potting Material: 76,78 only—Epoxy.

Tape Seal:

76, 78 Polyester film
90 Polyimide film

Protective Cover: 76,78, only—Polycarbonate.



MILITARY QUALIFIED DIP SWITCHES

SERIES 76, 78, AND 90

FEATURES

- All switches listed on these pages are qualified to MS83504

TOP SEAL

All Grayhill DIP Switch part numbers ending in S have a tape seal. This is now the standard for

military qualified DIP switches. If you order by the military M number, you will also get the tape

seal version. The exception is the toggle actuated styles which are not top tape sealed.

ORDERING INFORMATION

Circuitry	Description	Number of Positions	Military Part Number	Grayhill Part Number
Single Pole/Single Throw	Raised Rocker	02	M83504/01-022	76MSB02S
Single Pole/Single Throw	Raised Rocker	03	M83504/01-023	76MSB03S
Single Pole/Single Throw	Raised Rocker	04	M83504/01-024	76MSB04S
Single Pole/Single Throw	Raised Rocker	05	M83504/01-025	76MSB05S
Single Pole/Single Throw	Raised Rocker	06	M83504/01-026	76MSB06S
Single Pole/Single Throw	Raised Rocker	07	M83504/01-027	76MSB07S
Single Pole/Single Throw	Raised Rocker	08	M83504/01-028	76MSB08S
Single Pole/Single Throw	Raised Rocker	09	M83504/01-029	76MSB09S
Single Pole/Single Throw	Raised Rocker	10	M83504/01-030	76MSB10S
Single Pole/Single Throw	Raised Rocker	12	M83504/01-032	76MSB12S
Single Pole/Single Throw	Recessed Rocker	02	M83504/02-022	76MRSB02S
Single Pole/Single Throw	Recessed Rocker	03	M83504/02-023	76MRSB03S
Single Pole/Single Throw	Recessed Rocker	04	M83504/02-024	76MRSB04S
Single Pole/Single Throw	Recessed Rocker	05	M83504/02-025	76MRSB05S
Single Pole/Single Throw	Recessed Rocker	06	M83504/02-026	76MRSB06S
Single Pole/Single Throw	Recessed Rocker	07	M83504/02-027	76MRSB07S
Single Pole/Single Throw	Recessed Rocker	08	M83504/02-028	76MRSB08S
Single Pole/Single Throw	Recessed Rocker	09	M83504/02-029	76MRSB09S
Single Pole/Single Throw	Recessed Rocker	10	M83504/02-030	76MRSB10S
Single Pole/Single Throw	Recessed Rocker	12	M83504/02-032	76MRSB12S
Single Pole/Single Throw	Slide	02	M83504/04-022	78M02S
Single Pole/Single Throw	Slide	03	M83504/04-023	78M03S
Single Pole/Single Throw	Slide	04	M83504/04-024	78M04S
Single Pole/Single Throw	Slide	05	M83504/04-025	78M05S
Single Pole/Single Throw	Slide	06	M83504/04-026	78M06S
Single Pole/Single Throw	Slide	07	M83504/04-027	78M07S
Single Pole/Single Throw	Slide	08	M83504/04-028	78M08S
Single Pole/Single Throw	Slide	09	M83504/04-029	78M09S
Single Pole/Single Throw	Slide	10	M83504/04-030	78M10S
Single Pole/Single Throw	Machine Insertable	02	M83504/12-002	90MB02S
Single Pole/Single Throw	Machine Insertable	03	M83504/12-003	90MB03S
Single Pole/Single Throw	Machine Insertable	04	M83504/12-004	90MB04S
Single Pole/Single Throw	Machine Insertable	05	M83504/12-005	90MB05S
Single Pole/Single Throw	Machine Insertable	06	M83504/12-006	90MB06S
Single Pole/Single Throw	Machine Insertable	07	M83504/12-007	90MB07S
Single Pole/Single Throw	Machine Insertable	08	M83504/12-008	90MB08S
Single Pole/Single Throw	Machine Insertable	09	M83504/12-009	90MB09S
Single Pole/Single Throw	Machine Insertable	10	M83504/12-010	90MB10S

Continued



98E 4099199 0004509 790
 561 Hillgrove Avenue • LaGrange, Illinois 60525 • USA • Phone: (708) 354-1040 • Fax: (708) 354-2820 • <http://www.grayhill.com>

B-18

MILITARY QUALIFIED DIP SWITCHES

ORDERING INFORMATION—CONTINUED

Circuitry	Description	Number of Positions	Military Part Number	Grayhill Part Number
Single Pole/Single Throw	Side Actuated	02	M83504/11-022	76MPSB02S
Single Pole/Single Throw	Side Actuated	03	M83504/11-023	76MPSB03S
Single Pole/Single Throw	Side Actuated	04	M83504/11-024	76MPSB04S
Single Pole/Single Throw	Side Actuated	05	M83504/11-025	76MPSB05S
Single Pole/Single Throw	Side Actuated	06	M83504/11-026	76MPSB06S
Single Pole/Single Throw	Side Actuated	07	M83504/11-027	76MPSB07S
Single Pole/Single Throw	Side Actuated	08	M83504/11-028	76MPSB08S
Single Pole/Single Throw	Side Actuated	09	M83504/11-029	76MPSB09S
Single Pole/Single Throw	Side Actuated	10	M83504/11-030	76MPSB10S
Single Pole/Single Throw	Side Actuated	12	M83504/11-032	76MPSB12S
Single Pole/Double Throw	Raised Rocker	02	M83504/05-022	76MSC02S
Single Pole/Double Throw	Raised Rocker	03	M83504/05-023	76MSC03S
Single Pole/Double Throw	Raised Rocker	04	M83504/05-024	76MSC04S
Single Pole/Double Throw	Recessed Rocker	02	M83504/06-022	76MRSC02S
Single Pole/Double Throw	Recessed Rocker	03	M83504/06-023	76MRSC03S
Single Pole/Double Throw	Recessed Rocker	04	M83504/06-024	76MRSC04S

Available from your local Grayhill Distributor

For prices and discounts, contact a local Sales Office, an authorized local Distributor, or Grayhill.

ADDITIONAL INFORMATION

For dimensions and number per packaging tube, see equivalent non-qualified styles, pages B-9 through B-15.

For Specifications, see page B-17.



561 Hillgrove Avenue • LaGrange, Illinois 60525 • USA • Phone: (708) 354-1040 • Fax: (708) 354-2820 • <http://www.grayhill.com>