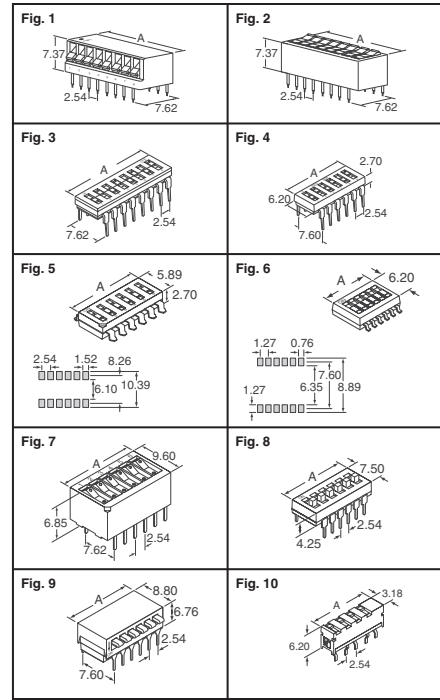




Fig.	No. of Cir.	Dim. A (mm)	Digi-Key Part No.	Price Each 1 10	Tyco Electronics Part No.	
7000 Series - Side Actuated, Unsealed						
1	2	7.11	450-1348-ND	4.22 3.87	1-5435802-0	
	3	9.65	450-1421-ND	7.32 6.71	5435802-2	
	4	12.19	450-1422-ND	1.07 .99	5435802-3	
	5	14.73	450-1423-ND	1.14 1.05	5435802-4	
	6	17.27	450-1424-ND	1.25 1.15	5435802-5	
	8	22.35	450-1420-ND	1.48 1.37	5435802-1	
	9	24.89	450-1425-ND	1.64 1.51	5435802-7	
7000 Series - Side Actuated, Plastisol Sealed						
1	4	12.19	450-1349-ND	1.39 1.28	1-5435802-5	
	5	14.73	450-1350-ND	1.57 1.44	1-5435802-6	
	8	22.35	450-1427-ND	1.91 1.75	5435802-9	
	10	27.43	450-1400-ND	2.00 1.83	2-5435802-0	
	12	32.51	450-1401-ND	2.34 2.14	2-5435802-2	
7100 Series - Standard Profile, Unsealed						
2	2	7.11	450-1396-ND	2.60 2.39	2-5435640-9	
	3	9.65	450-1402-ND	2.64 2.43	3-5435640-0	
	4	12.19	450-1414-ND	.78 .72	5435640-2	
	6	17.27	450-1416-ND	.95 .87	5435640-4	
	7	19.81	450-1413-ND	1.07 .98	5435640-1	
	8	22.35	450-1417-ND	.94 .87	5435640-5	
	9	24.89	450-1418-ND	1.25 1.15	5435640-6	
2	10	27.43	450-1419-ND	1.30 1.20	5435640-7	
	12	32.51	450-1403-ND	1.68 1.55	5435640-2	
	7100 Series - Standard Profile, Plastisol Sealed					
	2	4	12.19	450-1404-ND	.90 .83	3-5435640-5
		5	14.73	450-1405-ND	.99 .91	3-5435640-6
6		17.27	450-1406-ND	1.08 1.00	3-5435640-7	
8		22.35	450-1408-ND	1.21 1.11	3-5435640-9	
9		24.89	450-1411-ND	1.34 1.24	4-5435640-0	
10		27.43	450-1412-ND	1.41 1.29	4-5435640-1	
7100 Series - Low Profile, Tape Sealed						
2	4	12.19	450-1410-ND	1.48 1.36	3-5435668-4	
	6	17.27	450-1397-ND	1.59 1.46	2-5435668-5	
	7	19.81	450-1398-ND	1.64 1.51	2-5435668-7	
	8	22.35	450-1399-ND	1.73 1.59	2-5435668-8	
	10	27.43	450-1409-ND	2.04 1.88	3-5435668-0	
	7600 Series - Dip Shunt, Std Pressure					
3	4	10.16	450-1542-ND	.64 .60	1825190-3	
	7	17.78	450-1543-ND	.79 .73	1825190-6	
	10	25.40	450-1544-ND	.71 .65	1825190-9	

Fig.	No. of Cir.	Dim. A (mm)	Digi-Key Part No.	Price Each 1 10	Tyco Electronics Part No.
GDS Series - Low Profile, End to End Stackable					
4	4	10.02	450-1360-ND	1.95 1.79	GDS0404
	6	15.1	450-1362-ND	2.27 2.08	GDS0604
	8	20.18	450-1342-ND	2.11 1.94	GDS0804
5	4	10.02	450-1361-ND	2.28 2.09	GDS04S04
	6	15.1	450-1341-ND	2.70 2.47	GDS06S04
	8	20.18	450-1343-ND	2.44 2.24	GDS08S04
GDH Series - Low Profile, Half Pitch					
6	2	3.66	450-1431-ND	2.06 1.89	GDH02S04
	4	6.2	450-1353-ND	2.02 1.85	GDH04S04
	6	8.75	450-1354-ND	2.25 2.06	GDH06S04
	8	11.29	450-1352-ND	2.52 2.32	GDH08S04
	10	13.82	450-1337-ND	3.41 3.13	GDH10S04
GDR Series - Recessed Rocker					
7	4	11.12	450-1437-ND	3.28 3.02	GDR0404
	6	16.2	450-1438-ND	2.95 2.71	GDR0604
	8	21.28	450-1439-ND	3.16 2.90	GDR0804
ADE Series - Extended Actuator Sealed					
8	2	7.06	450-1363-ND	.67 .62	ADE0204
	4	12.14	450-1364-ND	.78 .72	ADE0404
	6	17.22	450-1365-ND	.88 .81	ADE0604
	8	22.3	450-1366-ND	.98 .90	ADE0804
ADF Series - Flush Actuator Sealed					
8	2	7.06	450-1357-ND	.62 .57	ADF0204
	4	12.14	450-1358-ND	.72 .67	ADF0404
	6	17.22	450-1359-ND	.82 .75	ADF0604
	8	22.3	450-1359-ND	.91 .84	ADF0804
	10	27.38	450-1340-ND	2.07 1.90	ADF1004
ADP Series - Piano Actuator Sealed					
9	2	7.06	450-1355-ND	1.14 1.04	ADP0204
	4	12.14	450-1356-ND	1.28 1.17	ADP0404
	6	17.22	450-1338-ND	1.37 1.26	ADP0604
	8	22.3	450-1395-ND	1.57 1.44	ADP0804
STV Series - SIP					
10	2	8.28	450-1638-ND	2.67 2.45	STV02
	4	13.36	450-1639-ND	3.01 2.77	STV04
	8	23.52	450-1640-ND	3.99 3.66	STV08

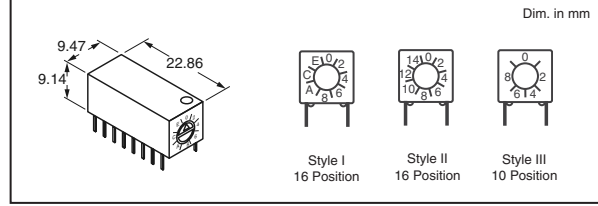


DIP Switches — Preprogrammed

Material: Glass-filled polyester, 94V-0 rated, black • **Contact:** Copper alloy with gold over nickel plating
Voltage Rating: 120V ms maximum • **Current Rating:** 1 amp maximum • **Contact Resistance:** 750mΩ maximum at 50mV open circuit • **Life Expectancy:** 500 revolutions • **Actuator:** Screwdriver slot

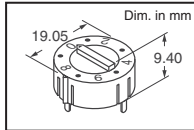


Switch Type	Tape Seal	Stamping Legend	Digi-Key Part No.	Price Each 1 10	Tyco Electronics Part No.
Hexadecimal with Complement	No	Style I	450-1186-ND	9.33 8.56	53137-5
Hexadecimal with Complement	Yes	Style I	450-1188-ND	9.15 8.39	54792-1
BCD with Complement	No	Style III	450-1190-ND	8.69 7.97	53919-2
BCD with Complement	Yes	Style III	450-1191-ND	8.90 8.16	54778-1



Rotary Switches

Materials:
Contacts: phosphor bronze, gold over nickel plated • **Dielectric Breakdown Voltage:** 500VDC minimum • **Insulation Resistance:** 1x10⁸Ω • **Initial Contact Resistance:** 25mΩ • **Circuit Capacitance:** 5 picofarads (at 100kHz) • **Durability:** 1000 cycles



Description	No. of Pos.	Output Code Type	Digi-Key Part No.	Price Each 1 10	Tyco Electronics Part No.
6000 Series					
Screwdriver/Coin Actuated	10	Single Pole	450-1182-ND	15.36 14.02	1-435097-1
Bar-Type Knob	10	BCD	450-1183-ND	25.81 23.55	435123-1

VISHAY Spectrol Single Turn Bushing Mount Hall Effect Sensor

Features: • Accurate linearity of ±0.5% • Long life - greater than 10 Million cycles • Non-contacting technology
Specifications: • Linearity: ±1% • Supply Voltage: 5VDC ±10% • Supply Current: 10mA typical • Recommended Load Resistance: 1kΩ minimum for analog and PWM output



Description	Digi-Key Part No.	Price Each 1 10 50	Vishay Part No.
360° Analog Output	693-1000-ND	30.93 27.03 24.42	351HE0B4WA1S22

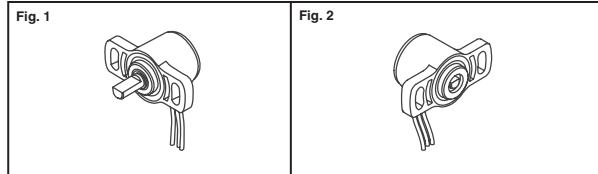


Hall Effect Position Sensors

Features: • Accurate linearity of ±0.5% • Easy mounting principle • Non-contacting technology • Able to withstand applications in harsh environments
Specifications: • Supply Voltage: 5VDC ±10% • Supply Current: 10mA typical/16mA maximum • Recommended Load Resistance: 1kΩ minimum



Fig.	Description	Digi-Key Part No.	Price Each 1 10 50	Vishay Part No.
1	360° Analog Output Continuous Rotation	693-1001-ND	19.33 16.89 15.26	981HE0B4WA1F16
	90° Analog Output Spring Return CW	693-1002-ND	32.86 28.71 25.94	981HE2B1WA1F16
2	360° Analog Output Continuous Rotation	693-1003-ND	17.01 14.87 13.44	981HE0B4WA8H01



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