Rotary Dip Switches DRS Series

MATERIAL SPECIFICATIONS:

Contacts.....Gold plate
Case Material .....Polyester
Actuator Material.....Stainless steel
Terminals/Fixed Contacts.....Gold plate
Terminal Seal.....Insert molded

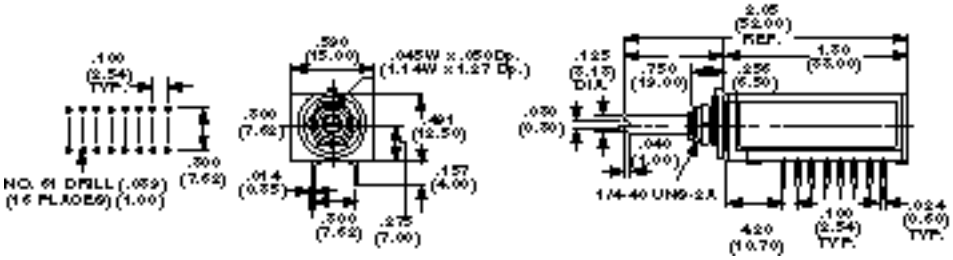
ENVIRONMENTAL SPECIFICATIONS:

Operating Temperature.....-20°C to +80°C (-4°F to +176°F)
Storage Temperature.....-20°C to +85°C (-4°F to +185°F)
Solder Heat Resistance .....Manual: 270° for 3 seconds
Wave: 245°C for 3 seconds

TYPICAL PERFORMANCE CHARACTERISTICS:

Contact Rating .....125mA @ 28 VDC/VAC
Initial Contact Resistance.....200 Milliohms max.
Insulation Resistance .....100 Megohms min.
Dielectric Strength .....500 Volts RMS @ sea level
Actuation Force.....7 Ounce-inch
Life Expectancy .....10,000 Cycles

SP/12 POS.



DRS112

DP/6P

DRS26

DRS112 Circuit Codes

Position	C	1	2	3	4	5	6	7	8	9	10	11	12
1	X	X											
2	X		X										
3	X			X									
4	X				X								
5	X					X							
6	X						X						
7	X							X					
8	X								X				
9	X									X			
10	X										X		
11	X											X	
12	X												X

DRS26 Circuit Codes

Position	C	1	2	3	4	5	6	C	1	2	3	4	5	6
1	X	X						X	X					
2	X		X					X		X				
3	X			X				X			X			
4	X				X			X				X		
5	X					X		X					X	
6	X						X	X						X

3P/4 POS AND 4P/3 POS.

DRS43

DRS34 & DRS43 Circuit Codes (For 1 pole only)

Position	C	1	2	3
1	X	X		
2	X		X	
3	X			X

Position	C	1	2	3	4
1	X	X			
2	X		X		
3	X			X	
4	X			X	

DRS1001 Circuit Codes

Position	C	1	2	4	8	C	8	4	2	1
0	X					X	X	X	X	X
1	X	X				X	X	X	X	
2	X		X			X	X	X		X
3	X	X	X			X	X	X		
4	X			X		X	X		X	X
5	X	X		X		X	X		X	
6	X		X	X		X	X			X
7	X	X	X	X		X	X			
8	X				X	X		X	X	X
9	X	X			X	X		X	X	

BCD

DRS1001

Model	No. Poles	Positions	Detent	Description
DRS112	1	12	30°	Decimal Code
DRS26	2	6	30°	Decimal Code
DRS34	3	4	30°	Decimal Code
DRS43	4	3	30°	Decimal Code
DRS1001	1	10	36°	BCD & BCD Compliment

Note: On DRS112 & DRS26, the last two pins are not connected

Need more technical information?

Contact your local ABE office--(800) 453-1692--or AboveBoardElectronics.com

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