PUSHBUTTON SWITCHES - ILLUMINATED

MECHANICAL SPECIFICATIONS

Operating Life:	300,000 cycles
Force:	125 ± 35 grams
Travel:	1.3mm +/- 0.3mm

ELECTRICAL SPECIFICATIONS

Contact Rating:	20VDC @ 1mA; 5VDC @ 5mA
Contact Resistance (Initial Max.):	200 Ohms Max @ 5VDC, 1mA
Insulation Resistance (min.@100V):	100 Megaohms Min.
Dielectric Strength (1 Min.):	250VAC
Contact Arrangement:	SPST, Normally Open

FEATURES & BENEFITS
• Multiple Illumination Colors
• Custom marking options
• Multiple cap sizes

APPLICATIONS / MARKETS
• Audio/visual
• Consumer Electronics
• Telecommunications
• Medical
• Testing/instrumentation
• Computer/servers/peripherals

ENVIRONMENTAL SPECIFICATIONS

Operating/Storage Temperature:	-20°C to +70°C

HOW TO ORDER

SERIES	BUTTON	BUTTON COLOR	LED COLOR	GRAPHIC
LP2				
	S1 = 6mm Sq.	BLK = Black	RED = Red	N = No Graphic
	S2 = 8.6mm Sq.	RED = Red	BLU = Blue	
	S3 = 11mm Sq.	WHT = White	GRN = Green	
		GRY = Gray	YEL = Yellow	
		TR = Transparent Red	WHT = White	
		TB = Transparent Blue	N = Without	

Example Ordering Number
LP2 S1 WHT WHT N

Specifications subject to change without notice.

LED Specifications

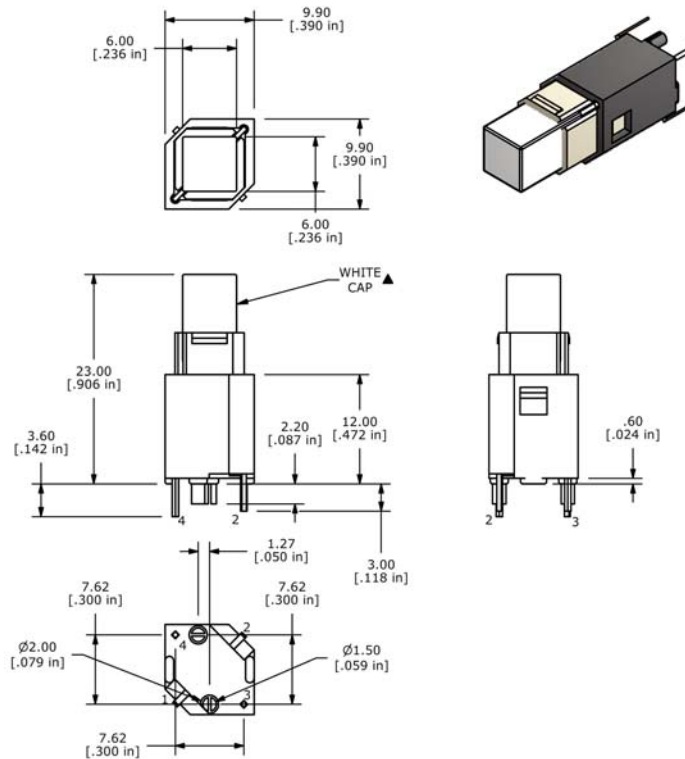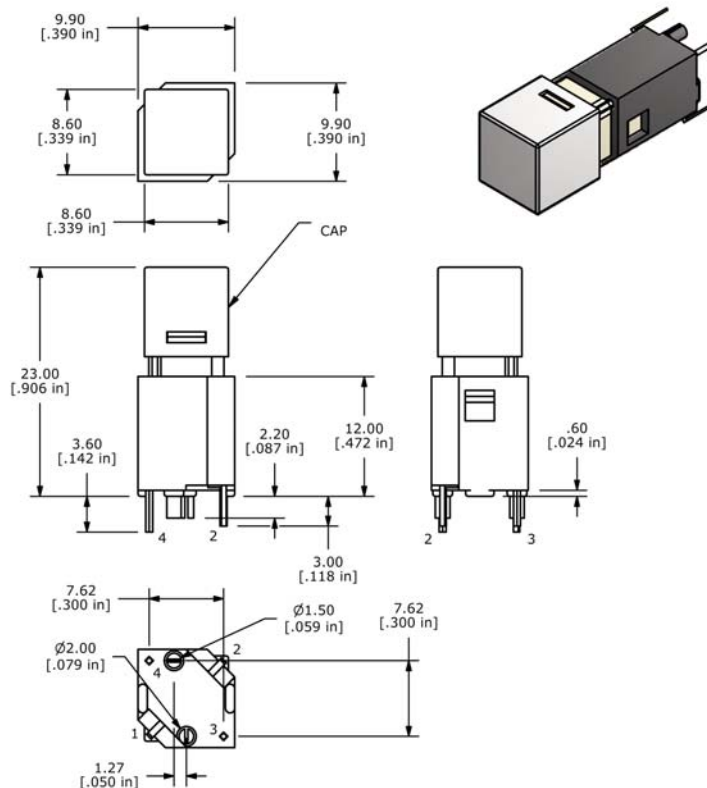|	Units	Blue	Red	Green	Yellow	White
Forward Current	mA	20mA	20mA	20mA	20mA	20mA
Forward Voltage @20mA	VDC	3.5 typ- 4.0 max	1.5 typ-2.4 max	1.7 typ-2.6 max	1.7 typ-2.6 max	3.5 typ-4.0 max
Luminous Intensity@20mA	mcd	1500 Typ	120 typ	120 typ	350 typ	2700 typ

MOUNTING

SCHEMATIC
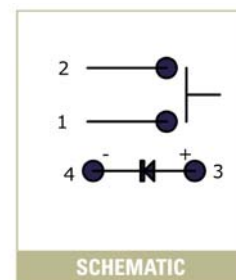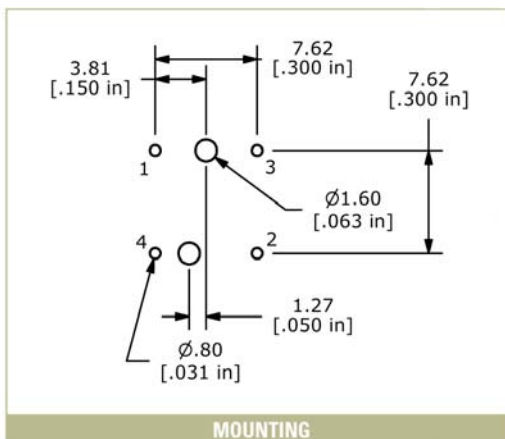
Button Options

S1- 6mm Square

S2 - 8.6mm Square

www.e-switch.com
email: info@e-switch.com

7153 NORTHLAND DRIVE NORTH
BROOKLYN PARK, MN 55428

PHONE: 763.504.3525
FAX: 763.531.8235

Button Options (cont.)

S3 - 11mm Square
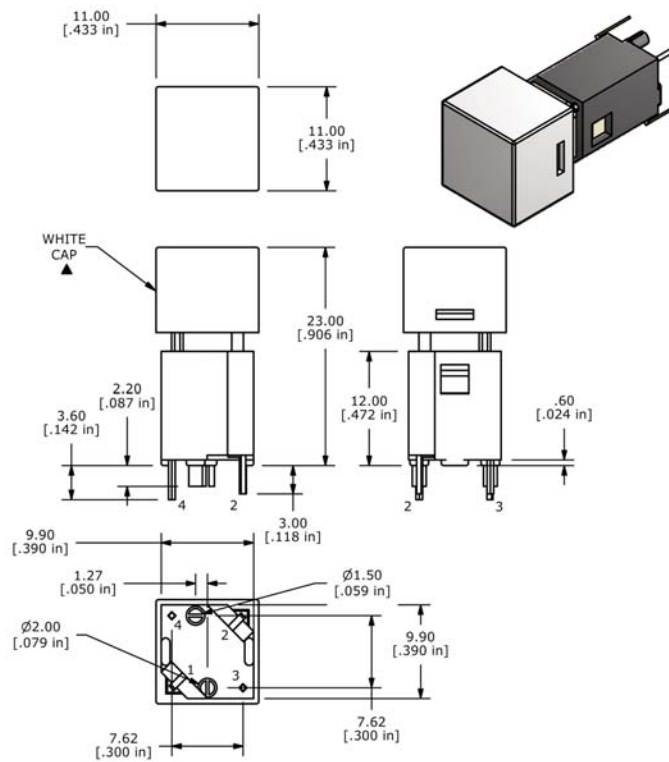
Mouser Electronics

Authorized Distributor

Click to View Pricing, Inventory, Delivery & Lifecycle Information:

[E-Switch](#):

  LP2S1BLKN-N LP2S1WHTBLU-N LP2S1WHTRED-N LP2S2BLKN-N LP2S2WHTBLU-N LP2S2WHTRED-N
LP2S3BLKN-N LP2S3WHTBLU-N LP2S3WHTRED-N LP2S1TRRED-N LP2S2WHTYEL-N LP2S2WHTGRN-N
LP2S1WHTWHT-N LP2S1WHTYEL-N