SERIES LP1 SWITCHES

ILLUMINATED PUSHBUTTON

FEATURES & BENEFITS
Panel Mount
Multiple Illumination options
Aesthetic look

APPLICATIONS / MARKETS
Computer Servers/peripherals
Performance Audio
Instrumentation
Telecommunications/networking

MECHANICAL SPECIFICATIONS

Mechanical Life:	50,000 cycles
Force:	250 +/- 100 gf
Travel:	1.8mm +/- 0.3mm

ELECTRICAL SPECIFICATIONS

Electrical Life:	50,000 cycles
Contact Rating:	100mA @ 30VDC
Contact Resistance:	50mΩ (initial max)
Insulation Resistance:	100MΩ (Min @ 500VDC)
Dielectric Strength:	500VAC (1 minute)

ENVIRONMENTAL SPECIFICATIONS

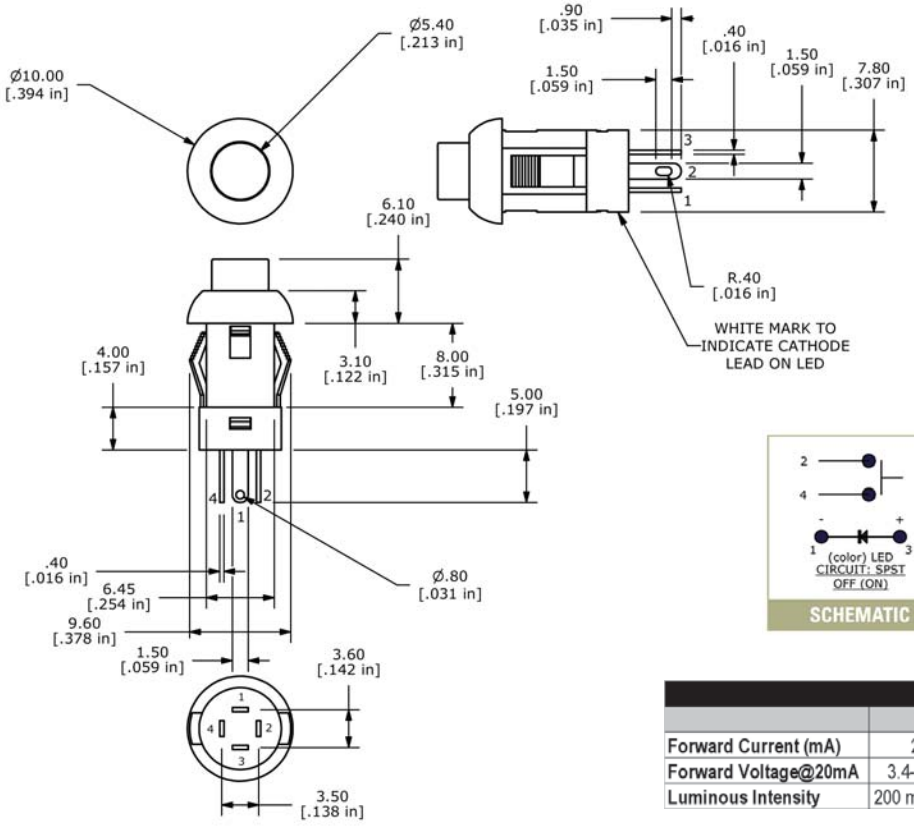
Operating Temperature:	-40ºC to +85ºC
Storage Temperature:	-40ºC to +85ºC

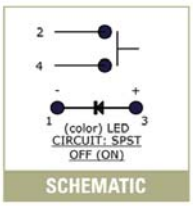
HOW TO ORDER:

SERIES	FUNCTION STYLE	CIRCUIT	CAP SIZE	LED
LP1	OA = Momentary	1 - SPST	A = 5.4mm	B = Blue G = Green R = Red W = White Y = Yellow

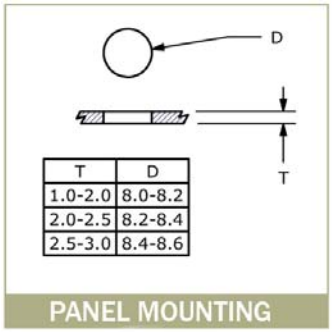
Example Ordering Code: LP1-OA-1-A-R

Specifications subject to change without notification.





SCHEMATIC



PANEL MOUNTING

LED SPECIFICATIONS

	Blue	Red	Green	Yellow	White
Forward Current (mA)	20mA	20mA	20mA	20mA	20mA
Forward Voltage@20mA	3.4-4.0 VDC	1.5-2.4 VDC	2.0-2.4 VDC	2.0-2.4 VDC	3.5-4.0 VDC
Luminous Intensity	200 mcd @5mA	300 mcd	50 mcd	100 mcd	2000 mcd

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

7153 NORTHLAND DRIVE NORTH
MINNEAPOLIS, MN 55428

PHONE: 800-867-2717
FAX: 763-531-8235