SERIES TL 1220 SWITCHES



ILLUMINATED TACT SWITCH



FEATURES & BENEFITS

- Multiple illuminated cap options
- · Single color LED options available
- · Sharp, tactile response

APPLICATIONS / MARKETS

- Telecommunications
- Consumer Electronics
- · Audio/visual
- · Medical
- · Computer/servers/peripherals

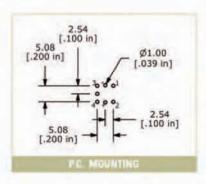
MECHANICAL SPECIFICATIONS			
Mechanical Life:	500,000 cycles		
Force:	180 ± 50 gf		
Travel:	0.2mm ± 0.1mm		

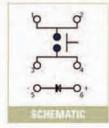
ELECTRICAL SPECIFICATIONS	
Contact Rating:	12VDC @ 50mA
Contact Resistance (Initial Max.):	100 mOhms @ 1.5VDC
Insulation Resistance (min.@500V):	100 MOhms
Dielectric Strength (1 Min.):	500VAC
Bounce:	10m Second Max

ENVIRONMENTAL SPECIFICATIONS

Operating Temperature: -20°C to +70°C

SERIES TL1220	BUTTON	BEZEL	BEZEL COLOR	BUTTON	COLOR	GRAPHIC
	N = No button S1=7.5mm sq. short S2 = 7.5mm sq. tall S3 =10x14 rect.* S4 =10x19 rect.* R1 = 7mm dia. R2 = 8mm dia. R3 = 10mm dia.	N = No Bezel B = With Bezel	N = No Bezel B = Black G = Gray	N = No button B = Black G = Gray R = Red S = Silver	N = No LED R = Red G = Green Y = Yellow B = Blue W = White RG = Red-Green RY = Red-Yellow RB = Red-Blue YG = Yellow-Green YB = Yellow-Blue GB = Green-Blue	N = No Graphic
cample Ordering Number	* The S3 bezel opt	and S4 rectangular tions	outtons are not availa	able with	Specifications subje	ct to change without n





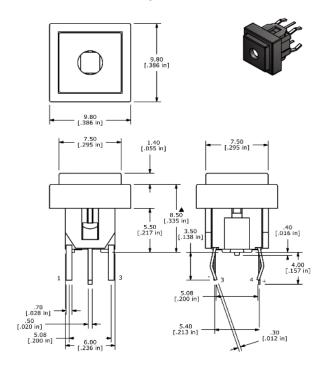
LED Specifications									
	UNITS	BLUE	RED	GREEN	YELLOW	WHITE			
Forward Current	mA	5mA	20mA	20mA	20mA	20mA			
Forward Voltage @20mA	VDC	2.9-4.0	1.95-2.5	2.1-2.5	2.0-2.5	3.2-4.0			
Luminous Intensity @20mA	mod	150	3000	400	1300	100			

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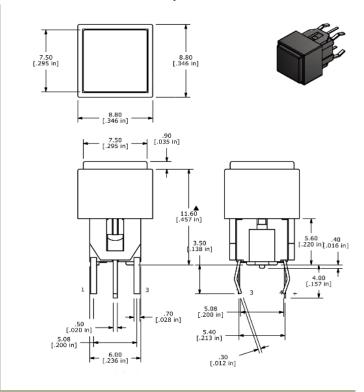


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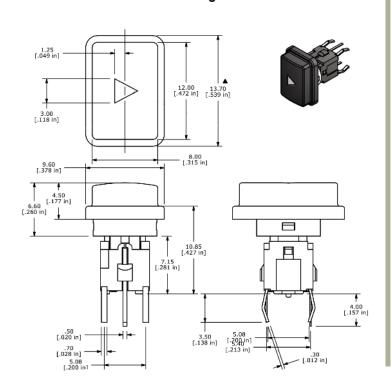
S1 Button - 7.5mm Square Short



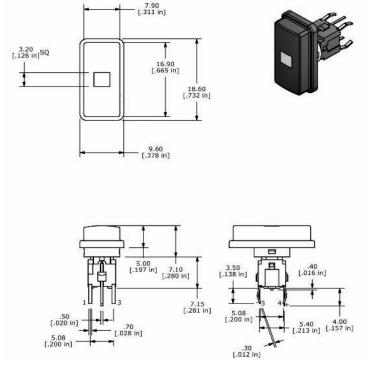
S2 Button - 7.5mm Square Tall



S3 Button - 10x14 Rectangle



S4 Button - 10x19 Rectangle

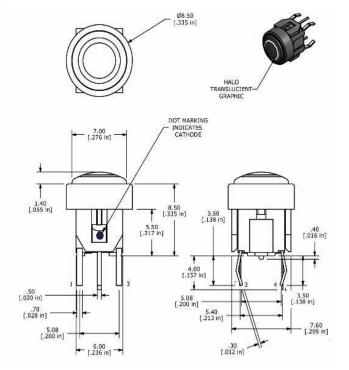


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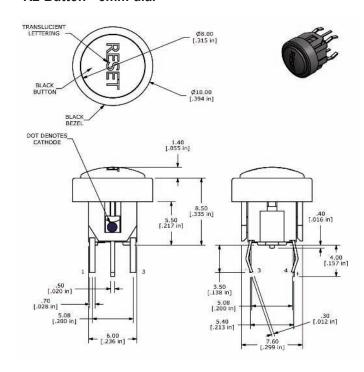


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R1 Button - 7mm dia.



R2 Button - 8mm dia.



R3 Button - 10mm dia.

