



THE DATASHEET OF TL3215AF160GQ

TL3215 SERIES TACT SWITCH

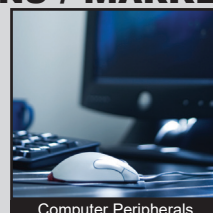
ANTI-VANDAL SWITCHES
DETECTOR SWITCHES
DIP SWITCHES
KEYLOCK SWITCHES
NAVIGATION SWITCHES
PUSHBUTTON SWITCHES
ROCKER SWITCHES
ROTARY SWITCHES
SLIDE SWITCHES
SNAP ACTION SWITCHES
TACTILE SWITCHES
TOGGLE SWITCHES
CAP OPTIONS



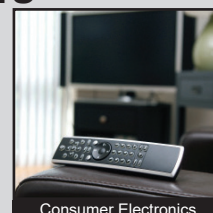
APPLICATIONS / MARKETS



Audio / Visual



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Telecommunication



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RoHS

SPECIFICATIONS

Electrical Rating: 50mA @ 12VDC
Electrical Life: 1,000,000 Cycles
Mechanical Life: 1,000,000 Cycles
Contact Resistance: 100mΩ Max. initial
Insulation Resistance: 100M Ω at 500VDC
Dielectric Strength: 250VAC for 1 min.
Operating Temperature: -40°C to 85°C
Storage Temperature: -40°C to 85°C
Operating Force: 160 gf, 250 gf
Travel: 0.25mm
Contact Arrangement: SPST

FEATURES & BENEFITS

- Multiple LED colors
- Surface mount
- Low profile

PART NUMBER CONFIGURATOR

Series	Model	Actuator Option	Actuation Force	LED Color	Contact Material
TL	3215	A - 2.0mm	F160 - 160 gf F250 - 250 gf	N - None R - Red G - Green B - Blue Y - Yellow W - White	Q - Silver

Specifications subject to change without notice 7.2.2024



E-SWITCH®

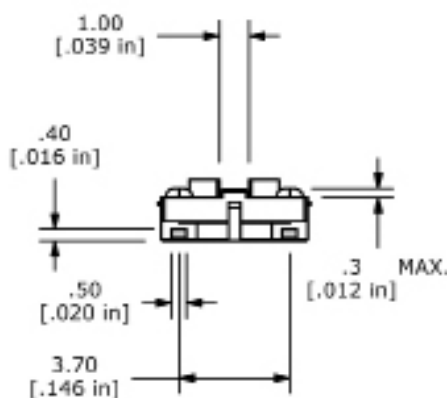
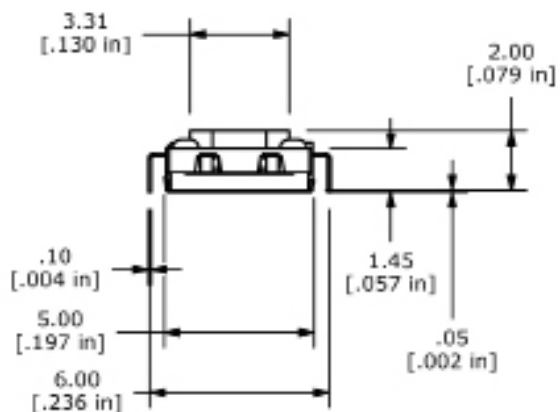
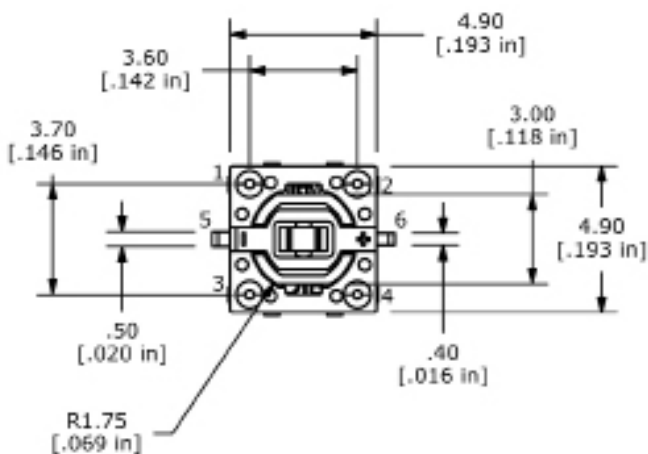
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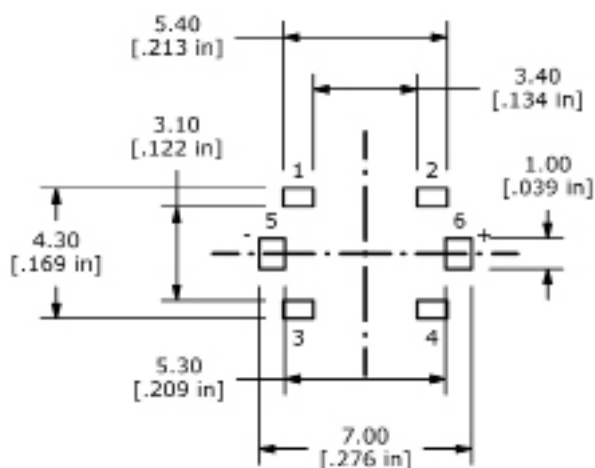
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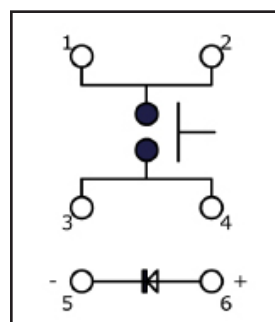
BODY DIMENSIONS



LED Specifications			
LED Color	Forward Current (mA)	Forward Voltage (V @ 20mA)	Luminous Intensity (mcd)
Blue	20	3.0 typ - 3.6 max	100 typ
White	20	3.0 typ - 3.6 max	150 typ
Red	20	1.9 typ - 2.4 max	50 typ
Green	20	2.05 typ - 2.4 max	30 typ
Yellow	20	2.05 typ - 2.4 max	70 typ



PCB LAYOUT



SCHEMATIC



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 [E-SWITCH](#) Information

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