## SPECIFICATIONS

| Electrical Ratings | $50 \mathrm{~mA} @ 35 \mathrm{VDC}$ |
| :--- | :--- |
| Electrical Life | 100,000 cycles typical |
| Contact Resistance | $<50 \mathrm{~m} \Omega$ initial |
| Actuation Force | $130+/-50 \mathrm{gF}$ |
| Actuator Travel | $.50+/-.1 \mathrm{~mm}$ |
| Dielectric Strength | 500 Vrms min |
| Insulation Resistance | $>100 \mathrm{M} \Omega$ min |
| Operating Temperature | $-40^{\circ} \mathrm{C}$ to $85^{\circ} \mathrm{C}$ |
| Storage Temperature | $-40^{\circ} \mathrm{C}$ to $85^{\circ} \mathrm{C}$ |

## MATERIALS $\leftarrow$ RoHs COMPLIANT

| Cover | PC |
| :--- | :--- |
| Base | Valox |
| Contacts | Copper Alloy, Silver Plated |
| Terminals | Copper Alloy, Silver Plated |



ORDERING INFORMATION


SH

## DIMENSIONS



LED SPECIFICATIONS

| LED Ratings | R | $\mathbf{G}$ | Y | B | W | Units |  |
| :--- | :---: | :---: | :---: | :---: | :---: | :---: | :---: |
| Reverse Voltage | $\mathrm{V}_{\mathrm{R}}$ | 5 | 5 | 5 | 5 | 5 | V |
| Forward Current (avg / peak) | $\mathrm{I}_{\mathrm{F}} / \mathrm{I}_{\mathrm{FS}}$ | $30 / 125$ | $30 / 125$ | $30 / 125$ | $30 / 125$ | $30 / 125$ | mA |
| Reverse Current $\mathrm{V}_{\mathrm{R}}=5 \mathrm{~V}$ | $\mathrm{I}_{\mathrm{R}}$ | 10 | 10 | 10 | 10 | 10 | $\mu \mathrm{~A}$ |
| Power Dissipation | $\mathrm{P}_{\mathrm{T}}$ | 69 | 75 | 75 | 120 | 120 | mW |
| Forward Voltage (typ. / max), $\mathrm{I}_{\mathrm{F}}=20 \mathrm{~mA}$ | $\mathrm{~V}_{\mathrm{F}}$ | $1.8 / 2.3$ | $2.0 / 2.5$ | $2.0 / 2.5$ | $3.5 / 4.0$ | $3.5 / 4.0$ | V |
| Wavelength, Peak Emmission, $\mathrm{I}_{\mathrm{F}}=20 \mathrm{~mA}$ | $\lambda_{\mathrm{P}}$ | 660 | 572 | 595 | 455 | ---- | nm |
| Spectral Line Half-Width, $\mathrm{I}_{\mathrm{F}}=20 \mathrm{~mA}$ | $\Delta \lambda$ | 20 | 20 | 20 | 30 | ---- | nm |
| Luminous Intensity, $\mathrm{I}_{\mathrm{F}}=20 \mathrm{~mA}$ | A | LI | 20 | 20 | 80 | 40 | 200 |
| Viewing Angle | $\Theta$ | 150 | 150 | 150 | 150 | 150 | Ded |

## LASER ETCHING STYLES

|  |  |  |  |  |
| :---: | :---: | :---: | :---: | :---: |
|  |  |  |  |  |

## CAP OPTIONS $\leftarrow$ FOR D ACTUATOR



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Division of Circuit Interruption Technology, Inc.

CAP OPTIONS $\leftarrow$ FOR D Actuator


C14
1 = White, 2 = Black, 3 = Red, 9 = Gray
Contact Factory for other available colors


C17
2 = Black, 0 = Clear
Contact Factory for other available colors


C15
2 = Black, 0 = Clear Contact Factory for other available colors
= White, 2 = Black, 9 = Light Gray Contact Factory for other available colors


C16
1 = White, 2 = Black, $\overline{3}=$ Red, $7=$ Blue Contact Factory for other available colors


C19
1 = White, 2 = Black, 3 = Red, 8 = Dark Gray
 Contact Factory for other available colors


C27
1 = White, 2 = Black, 3 = Red, 7 = Blue Contact Factory for other available colors


## C28

1 = White, 2 = Black, 3 = Red, 7 = Blue
Contact Factory for other available colors

