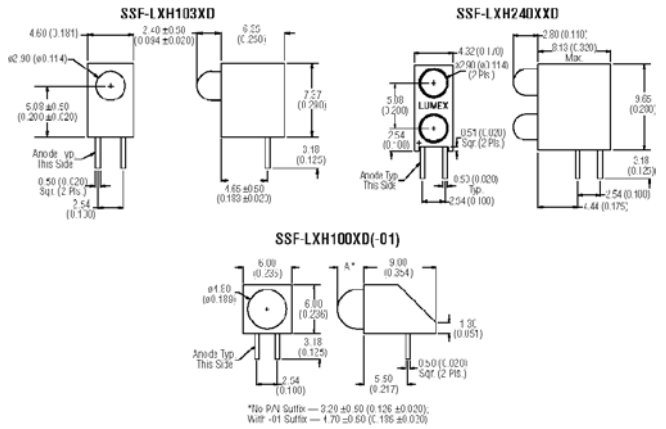




PCB and Panel Mount LED Indicators, Displays and Laser Diodes

PCB LED Indicators



| Stock No. | Mfr.'s Type  | Emitted Color | Wavelength Peak (nm) | Lens Color   | IV mCD @ mA* | Viewing Angle | EACH |         |         |
|-----------|--------------|---------------|----------------------|--------------|--------------|---------------|------|---------|---------|
|           |              |               |                      |              |              |               | 1-99 | 100-999 | 1000-Up |
| 670-1083  | SSF-LXH103GD | Green         | 565                  | Green Diff.  | 15/20        | 80            | .21  | .18     | .15     |
| 670-1084  | SSF-LXH103ID | Red           | 635                  | Red Diff.    | 30/20        | 60            | .21  | .18     | .15     |
| 670-1085  | SSF-LXH103YD | Yellow        | 585                  | Yellow Diff. | 15/20        | 80            | .21  | .18     | .15     |

| T3 mm, Single LED, Low Current |               |       |     |              |      |    |     |     |     |
|--------------------------------|---------------|-------|-----|--------------|------|----|-----|-----|-----|
| 670-1086                       | SSF-LXH103LGD | Green | 565 | Green Diff.  | 15/2 | 80 | .22 | .19 | .15 |
| 670-1087                       | SSF-LXH103LID | Red   | 635 | Red Diff.    | 40/2 | 60 | .28 | .26 | .23 |
| 670-1088                       | SSF-LXH103LYD | Red   | 585 | Yellow Diff. | 15/2 | 80 | .22 | .19 | .15 |

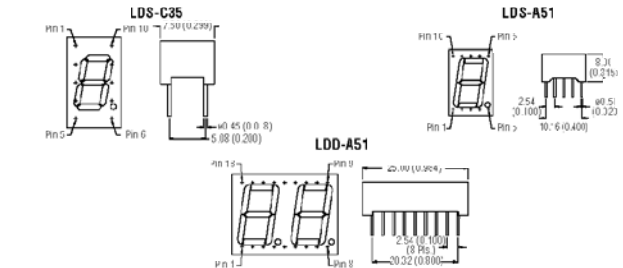
| T3 mm, Dual Tower LED |               |        |         |              |       |    |     |     |     |
|-----------------------|---------------|--------|---------|--------------|-------|----|-----|-----|-----|
| 670-1089              | SSF-LXH240GGD | Green  | 565/565 | Green Diff.  | 15/20 | 80 | .49 | .42 | .35 |
| 670-1090              | SSF-LXH240IID | Red    | 635/635 | Red Diff.    | 15/20 | 80 | .49 | .42 | .35 |
| 670-1091              | SSF-LXH240YYD | Yellow | 585/585 | Yellow Diff. | 15/20 | 80 | .49 | .42 | .35 |

| T5 mm, Single LED, Standard |              |        |     |              |       |    |     |     |     |
|-----------------------------|--------------|--------|-----|--------------|-------|----|-----|-----|-----|
| 670-1092                    | SSF-LXH100GD | Green  | 565 | Green Diff.  | 30/20 | 60 | .28 | .25 | .22 |
| 670-1093                    | SSF-LXH100ID | Red    | 635 | Red Diff.    | 40/20 | 60 | .25 | .22 | .18 |
| 670-1094                    | SSF-LXH100YD | Yellow | 585 | Yellow Diff. | 30/20 | 60 | .25 | .22 | .18 |

| T5 mm, Single LED, Long Protrusion |                 |        |     |              |       |    |     |     |     |
|------------------------------------|-----------------|--------|-----|--------------|-------|----|-----|-----|-----|
| 670-1095                           | SSF-LXH100GD-01 | Green  | 565 | Green Diff.  | 30/20 | 60 | .22 | .19 | .16 |
| 670-1096                           | SSF-LXH100ID-01 | Red    | 635 | Red Diff.    | 40/20 | 60 | .24 | .21 | .17 |
| 670-1097                           | SSF-LXH100YD-01 | Yellow | 585 | Yellow Diff. | 30/20 | 60 | .24 | .21 | .17 |

\*Per segment

LED Displays

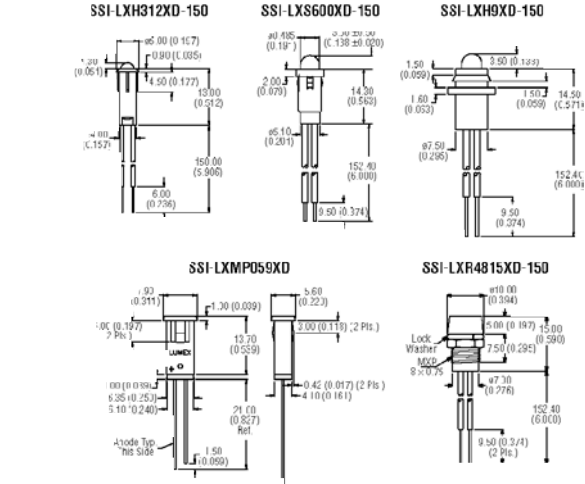


| Stock No. | Mfr.'s Type | Emitted Color | Wavelength Peak (nm) | Face/Segment (Off Condition) | IV mCD @ 10 µA | Common Pin | EACH |         |         |
|-----------|-------------|---------------|----------------------|------------------------------|----------------|------------|------|---------|---------|
|           |             |               |                      |                              |                |            | 1-99 | 100-999 | 1000-Up |
| 670-1126  | LDS-A352RI  | Green         | 565                  | Grey/White                   | 2800           | Anode      | 1.76 | 1.53    | 1.25    |
| 670-1127  | LDS-A356RI  | Super Red     | 660                  | Grey/White                   | 7000           | Anode      | 1.92 | 1.72    | 1.65    |
| 670-1128  | LDS-C352RI  | Green         | 565                  | Grey/White                   | 3350           | Cathode    | 1.13 | .98     | .80     |
| 670-1129  | LDS-C356RI  | Super Red     | 660                  | Grey/White                   | 7000           | Cathode    | 1.75 | 1.59    | 1.41    |

| 0.56", Single Digit |            |           |     |            |       |       |      |      |      |
|---------------------|------------|-----------|-----|------------|-------|-------|------|------|------|
| 670-0130            | LDS-A512RI | Green     | 565 | Grey/White | 2250  | Anode | 1.26 | 1.10 | .89  |
| 670-0131            | LDS-A514RI | Red       | 635 | Grey/White | 3900  | Anode | 1.15 | 1.00 | .81  |
| 670-0132            | LDS-A516RI | Super Red | 660 | Grey/White | 12000 | Anode | 2.35 | 2.04 | 1.66 |

| 0.56", Dual Digit |            |       |     |            |      |       |      |      |      |
|-------------------|------------|-------|-----|------------|------|-------|------|------|------|
| 670-0133          | LDD-A512RI | Green | 565 | Grey/White | 3900 | Anode | 1.77 | 1.54 | 1.25 |
| 670-0135          | LDD-A514RI | Red   | 635 | Grey/White | 3900 | Anode | 1.70 | 1.47 | 1.20 |

Panel Mount LED Indicators



| Stock No. | Mfr.'s Type*      | Emitted Color | Wavelength Peak (nm) | Lens Color   | IV mCD @ 20 mA | Viewing Angle | EACH |         |         |
|-----------|-------------------|---------------|----------------------|--------------|----------------|---------------|------|---------|---------|
|           |                   |               |                      |              |                |               | 1-99 | 100-999 | 1000-Up |
| 670-1099  | SSI-LXH312GD-150  | Green         | 565                  | Green Diff.  | 10             | 80            | .76  | .69     | .58     |
| 670-1100  | SSI-LXH312YD-150  | Yellow        | 585                  | Yellow Diff. | 10             | 80            | .60  | .52     | .42     |
| 670-1102  | SSI-LXH312SRD-150 | Super Red     | 660                  | Red Diff.    | 70             | 80            | .76  | .66     | .54     |

| Push-In Panel Mount, 1/4" Round Hole |                   |           |     |              |     |    |     |     |     |
|--------------------------------------|-------------------|-----------|-----|--------------|-----|----|-----|-----|-----|
| 670-1103                             | SSI-LXH600GD-150  | Green     | 565 | Green Diff.  | 30  | 60 | .60 | .52 | .42 |
| 670-1104                             | SSI-LXH600YD-150  | Yellow    | 585 | Yellow Diff. | 30  | 60 | .60 | .52 | .42 |
| 670-1105                             | SSI-LXH600SRD-150 | Super Red | 660 | Red Diff.    | 100 | 60 | .80 | .69 | .56 |

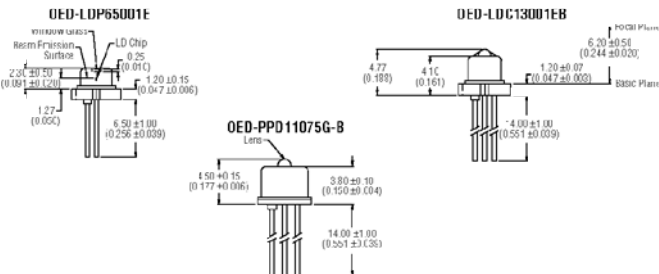
| T5 mm, Rear of Panel Installation |                 |           |     |              |    |    |      |      |      |
|-----------------------------------|-----------------|-----------|-----|--------------|----|----|------|------|------|
| 670-1106                          | SSI-LXH9GD-150  | Green     | 565 | Green Diff.  | 30 | 60 | 2.69 | 2.48 | 2.27 |
| 670-1107                          | SSI-LXH9YD-150  | Yellow    | 585 | Yellow Diff. | 30 | 60 | 2.69 | 2.60 | 2.27 |
| 670-1108                          | SSI-LXH9SRD-150 | Super Red | 660 | Red Diff.    | 80 | 60 | 1.72 | 1.48 | 1.20 |

| 2 × 5 Rectangular Assembly |               |        |     |              |    |    |     |     |     |
|----------------------------|---------------|--------|-----|--------------|----|----|-----|-----|-----|
| 670-1109                   | SSI-LXMP059GD | Green  | 565 | Green Diff.  | 10 | 80 | .47 | .41 | .33 |
| 670-1110                   | SSI-LXMP059ID | Red    | 635 | Red Diff.    | 10 | 80 | .47 | .41 | .33 |
| 670-1111                   | SSI-LXMP059YD | Yellow | 585 | Yellow Diff. | 10 | 80 | .47 | .41 | .33 |

| T5 mm, Metal Reflector Indicator |                    |           |     |              |    |    |      |      |      |
|----------------------------------|--------------------|-----------|-----|--------------|----|----|------|------|------|
| 670-1112                         | SSI-LXR4815GD-150  | Green     | 565 | Green Diff.  | 20 | 80 | 2.25 | 2.08 | 1.85 |
| 670-1113                         | SSI-LXR4815YD-150  | Yellow    | 585 | Yellow Diff. | 20 | 80 | 1.79 | 1.54 | 1.24 |
| 670-1114                         | SSI-LXR4815SRD-150 | Super Red | 660 | Red Diff.    | 40 | 60 | 2.19 | 1.88 | 1.52 |

\*-150 indicates 6" leads

Laser Diodes



| Stock No. | Mfr.'s Type    | Output Power (mW) | Wavelength Typ. λnm | Current (mA) Ith | Iop | Operating Voltage (V) | EACH   |        |
|-----------|----------------|-------------------|---------------------|------------------|-----|-----------------------|--------|--------|
|           |                |                   |                     |                  |     |                       | 1-24   | 25-Up  |
| 670-0140  | OED-LDP65001E  | 5                 | 650                 | 20               | 35  | 2.2                   | 6.23   | 5.99   |
| 670-0141  | OED-LDC13001EB | 10                | 1310                | 12               | —   | 1.2                   | 70.99  | 68.27  |
| 670-0142  | OED-LDC15001EB | 5                 | 1550                | 8                | —   | 1.2                   | 155.84 | 149.85 |

| Stock No. | Mfr.'s Type     | Reverse Voltage (V) | Forward Current (mA) | Detection Range Typ. (nm) | Cutoff Frequency (GHz) | Rise/Fall Time (ns) | EACH  |       |
|-----------|-----------------|---------------------|----------------------|---------------------------|------------------------|---------------------|-------|-------|
|           |                 |                     |                      |                           |                        |                     | 1-24  | 25-Up |
| 670-0143  | OED-PPD11075G-B | 25                  | 2                    | 1310                      | 2                      | 0.2                 | 38.10 | 36.63 |