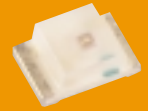




**THE DATASHEET OF  
BR1112H-TR**





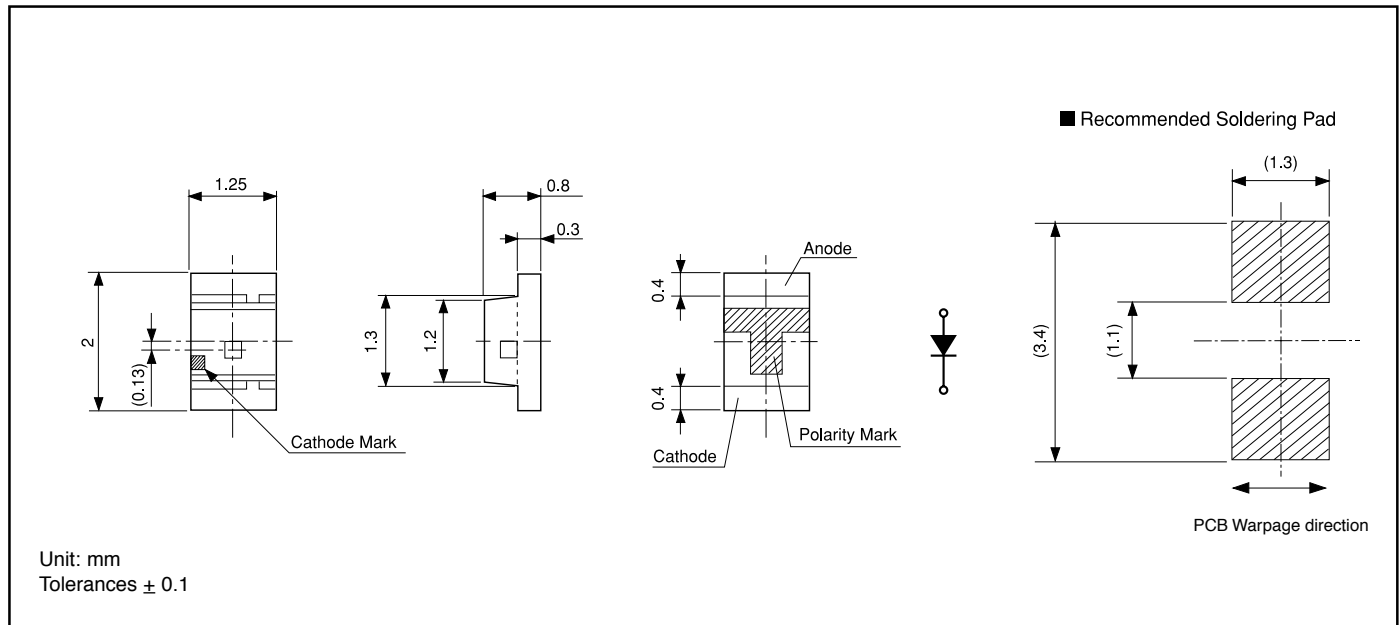
### Features

- Meets industry standards for 2012 (0806) footprint 2.0mm (L) x 1.25mm (W) x 0.8mm (H)
- 1112H is 50% thinner than the W series.

### Applications

- Membrane switch panels
- Backlighting
- Cellular telephones

### Outline Dimensions



### Electro-Optical Characteristics



(Ta=25°C)

| Type No. | Material | Emitted Color | Lens Color  | Luminous Intensity $I_V$ |      |       | Wavelength            |                           |   |       | Forward Voltage $V_F$ |      |         | Reverse Current $I_R$ |       | Viewing Angle<br>( $2\theta$ 1/2) |
|----------|----------|---------------|-------------|--------------------------|------|-------|-----------------------|---------------------------|---|-------|-----------------------|------|---------|-----------------------|-------|-----------------------------------|
|          |          |               |             | MIN.                     | TYP. | $I_F$ | Peak $\lambda_p$ TYP. | Dominant $\lambda_d$ TYP. | Spectral Line Half Width $\Delta\lambda$ TYP. | $I_F$ | TYP.                  | MAX. | $I_F$   | MAX.                  | $V_R$ |                                   |
| BR1112H  | GaAlAs   | Red           | Milky White | 7.0                      | 11.7 | 20    | 660                   | 647                       | 30  | 20    | 1.7                   | 2.3  | 20      | 100                   | 4     | 150°                              |
| AA1112H  | GaAsP    | Orange        |             | 2.2                      | 3.7  | 20    | 605                   | 606                       | 30  | 20    | 2.2                   | 2.8  | 20      | 100                   | 4     |                                   |
| AY1112H  | GaAsP    | Yellow        |             | 2.2                      | 3.7  | 20    | 580                   | 590                       | 30  | 20    | 2.2                   | 2.8  | 20      | 100                   | 4     |                                   |
| PY1112H  | GaP      | Yellow-Green  |             | 7.0                      | 11.7 | 20    | 570                   | 572                       | 30  | 20    | 2.1                   | 2.8  | 20      | 100                   | 4     |                                   |
| PG1112H  | GaP      | Green         |             | 3.8                      | 6.4  | 20    | 560                   | 567                       | 30  | 20    | 2.1                   | 2.8  | 20      | 100                   | 4     |                                   |
| BG1112H  | GaP      | Pure Green    |             | 1.6                      | 2.7  | 20    | 555                   | 558                       | 30  | 20    | 2.1                   | 2.8  | 20      | 100                   | 4     |                                   |
| Units    |          |               |             | mcd                      |      | mA    | nm                    |                           |   | mA    | V                     | mA   | $\mu$ A | V                     | Deg.  |                                   |



## Looking for pricing, stock, or lifecycle information?

Click below to explore more details on WIN SOURCE:

-  [View BR1112H-TR on WIN SOURCE](#)
-  [Stanley Electric Co Information](#)

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-  Shortage Management
-  Alternative Solution
-  Excess Inventory Management