SURFACE MOUNT LED

▼1101W · 1102W · 1201W · 1204W CHARACTERISTICS BY COLOR

Ta=25℃

| | Mate | fel | | l | Absolute Maximum Ratings | | | | | | Electro-Optical Characteristics Forward Voltage Reverse Current Wavelength | | | | | | |
|---------|------------|--------------|-----------------------------|-----------------------------|----------------------------|--------------------------|------------------------------------|--------------------------------|-----------------------|-----------|--|-----|-----|---------|-----|-----|----|
| îypə Na | Emilited | | Power Desipation * Pd | Francis Current H: IF | Forward Current % FM | Program Vision Vis | Consulting Temperature Total | Storage Temperature Tato | k) Densting Ahr | | V# MAX. | le: | MAX | n Va | 翠 | TYP | l+ |
| BR | GaAlAs | (Red) | 60 | 30 | 70 | 4 | -30~+85 | -30~+90 | 0.42 | 1.7 | 2.0 | 20 | 100 | 4 | 660 | 30 | 20 |
| AA | GaAsP / Ga | P (Orange) | 75 | 30 | 70 | 4 | -30~+85 | -30~+90 | 0.42 | 2.2 | 2.5 | 20 | 100 | 4 | 605 | 30 | 20 |
| AY | GaAsP / Ga | P (Yellow) | 75 | 30 | 70 | 4 | -30~+85 | -30~+90 | 0.42 | 2.2 | 2.5 | 20 | 100 | 4 | 580 | 30 | 20 |
| PY | GaP | (Yellow) | 75 | 30 | 70 | 4 | -30~+85 | -30~+90 | 0.42 | 2.1 | 2.5 | 20 | 100 | 4 | 570 | 30 | 20 |
| PG | GaP | (Green) | 75 | 30 | 70 | 4 | -30~+85 | -30~+90 | 0.42 | 2.1 | 2.5 | 20 | 100 | 4 | 560 | 30 | 20 |
| BG | GaP | (Pure Green) | 75 | 30 | 70 | 4. | -30~+85 | -30~+90 | 0.42 | 2.1 | 2.5 | 20 | 100 | 4 | 555 | 30 | 20 |
| | A CARLES | | FW | | | | et Erri | | | . (#) (#) | i syylsky | | 44 | ¥ | | | |

[•] IFM condition: $tw \le 1$ msec.and duty cycle $\le 1/20$

▼CHARACTERISTICS BY SHAPE

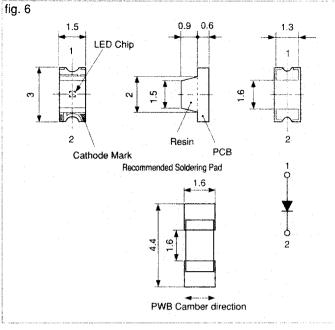
Ta=25°C

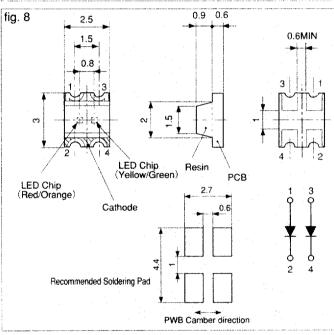
| Lens Type | Shape | Type No. | Emerca Color | Lens | Tal Private Control | Lum | Rous Inter (mod) TYP | sity | Spatial Distribution (The typical distribution electrics | tg. |
|-----------------------|--------------|------------|-----------------|----------------|---------------------|-----|----------------------------|----------|--|-----|
| Flat lens type | B CONTRACTOR | BR1101W | Red | | (are) 660 | 1.6 | 4.5 | IF(ITIA) | of sport shape is entour south | |
| | | AA1101W | Orange | | 605 | 1 | 3.6 | 20 | 30, 30, | 1 |
| | | | Orange | 1 | | | | ļi | | : |
| | | AY1101W | Yellow | Water Clear | 580 | 2 | 3.2 | 20 | 60.5 | 6 |
| | | PY1101W | | | 570 | 1.4 | 4 | 20 | 900 | |
| | | PG1101W | Green | | 560 | 1.2 | 3 | 20 | | |
| | | BG1101W | Pure Green | | 555 | 0.7 | 1.4 | 20 | | |
| as comments described | | BR1102W | Red | Water Clear | 660 | 6 | 17 | 20 | 30. 0, 30, | 1 |
| Inner-lens type | 9 garage | AA1102W | Orange | | 605 | 5 | . 9 | 20 | | |
| | | AY1102W | | | 580 | 3 | 6 | 20 | | |
| | | PY1102W | Yellow | | 570 | 6 | 12 | 20 | 60 | 7 |
| | | PG1102W | Green | | 560 | 3 | 7.5 | 20 | | |
| | | BG1102W | Pure Green | | 555 | 0.9 | 2.3 | 20 | 901 90 | |
| Flat lens type | · Marie | | Red | | 660 | 1.6 | 4.5 | 20 | 0. | |
| | | BRPY1201W | Yellow | Water Clear | 570 | 1.4 | 4 | 20 | 30° 30° | |
| | | BRPG1201W | Red | | 660 | 1.6 | 4.5 | 20 | | |
| | | | Green | | 560 | 1.2 | 3 | 20 | 60:4 | 8 |
| | | BRBG1201W | Red | Clear | 660 | 1.6 | 4.5 | 20 | 90 | |
| | | | Pure Green | | 555 | 0.7 | 1.4 | 20 | | |
| | | AAPY1201W | Orange | | 605 | 1 | 3.6 | 20 | | |
| | | | Yellow | | 570 | 1.4 | 4 | 20 | | |
| | ن | BRPY1204W | Red | | 660 | 6 | 17 | 20 | | |
| 2 lens | | | Yellow | Water Clear | 570 | 6 | 12 | 20 | 30° | ļ |
| | | BRPG1204W | Red | | 660 | 6 | 17 | 20 | | |
| | | | Green | | 560 | 3 | 7.5 | 20 | BH (PY\\ / /) \ | 9 |
| | | DDD04004** | Red | | 660 | 6 | 17 | 20 | 1 20.5 | 3 |
| | | BRBG1204W | Pure Green | | 555 | 0.9 | 2.3 | 20 | | |
| | | AAPY1204W | Orange | 1 | 605 | 5 | 9 | 20 | 90 | |
| | | | Yellow | 1 | 570 | 6 | 12 | 20 | VV to any amount of the second | |

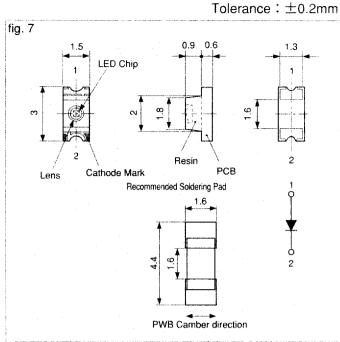
Absolute maximum ratings required by the LED with 2 chips inside and driven simultaneously are: Pd=75mW、IFM=70mA &1 The current derating for operation applies when the temperature is above 25°C.

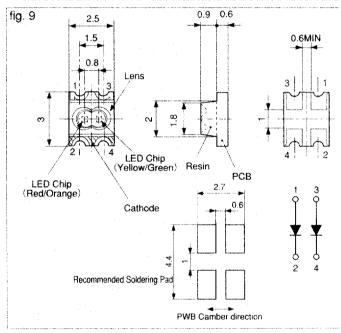




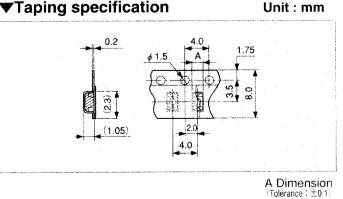






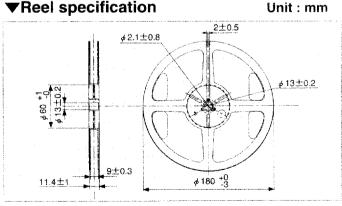






(1.8) (2.8)

▼Reel specification



Quantity (Pcs Ree 2,500 2,500

Mouser Electronics

Authorized Distributor

Click to View Pricing, Inventory, Delivery & Lifecycle Information:

Stanley Electric:

<u>BRPY1204W-TR</u> <u>BG1102W-TR</u> <u>BRPY1201W-TR</u> <u>PY1102W-TR</u> <u>AY1101W-TR</u> <u>BRPG1204W-TR</u>