

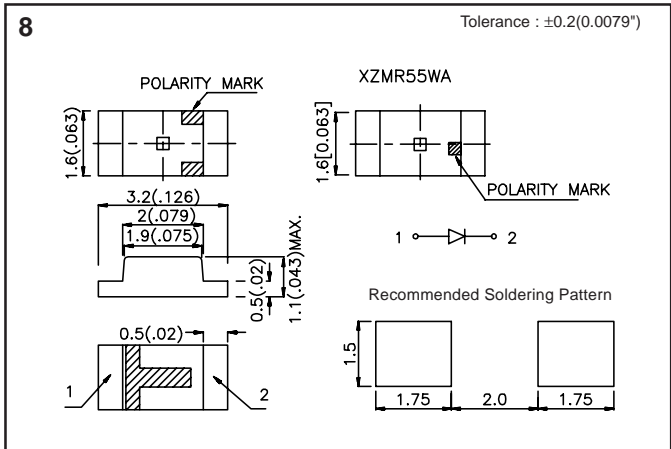
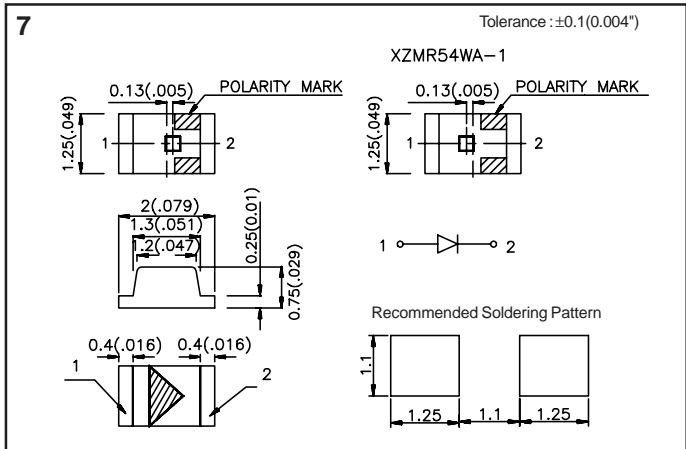


SMD Chip LED Lamps



| Shape | Part No. | Material (Emitted Color) | Lens | Peak Wave Length (nm) | Electrical/Optical Data | | | | Viewing Angle 2θ1/2 | Figure No. |
|--|------------|-----------------------------|-------------|-----------------------------|-------------------------|------|------------------------|------|---------------------------|---------------|
| | | | | | Vf (V) If=20mA | | Iv (mcd) If=20mA | | | |
| | | | | | Typ. | Max. | Min. | Typ. | | |
| 2.0x1.25x0.75mm (0805)  | XZUR54W-1 | GaAsP/GaP (Red) | Water Clear | 627 | 2.0 | 2.5 | 4 | 11 | 120° | 7 |
| | XZMR54WA-1 | GaAlAs (Red) | Water Clear | 660 | 1.85 | 2.5 | 36 | 75 | 120° | |
| | XZMDK54W-1 | InGaAlP (Red) | Water Clear | 650 | 1.95 | 2.5 | 50 | 145 | 120° | |
| | XZMD54W-1 | InGaAlP (Red) | Water Clear | 640 | 1.9 | 2.5 | 70 | 175 | 120° | |
| | XZMOK54W-1 | InGaAlP (Orange) | Water Clear | 610 | 2.1 | 2.5 | 50 | 155 | 120° | |
| | XZMO54W-1 | InGaAlP (Orange) | Water Clear | 610 | 2.0 | 2.5 | 70 | 195 | 120° | |
| | XZMG54W-1 | GaP (Green) | Water Clear | 565 | 2.2 | 2.5 | 4 | 14 | 120° | |
| | XZSGK54W-1 | InGaAlP (Green) | Water Clear | 574 | 2.1 | 2.5 | 18 | 59 | 120° | |
| | XZSG54W-1 | InGaAlP (Green) | Water Clear | 574 | 2.1 | 2.5 | 18 | 69 | 120° | |
| | XZAG54W-1 | InGaN (Green) | Water Clear | 500 | 3.6 | 4.4 | 50 | 98 | 120° | |
| | XZBGK54W-1 | InGaN (Green) | Water Clear | 515 | 4.2 | 4.8 | 36 | 95 | 120° | |
| | XZBG54W-1 | InGaN (Green) | Water Clear | 520 | 4.0 | 4.5 | 50 | 115 | 120° | |
| | XZUY54W-1 | GaAsP/GaP (Yellow) | Water Clear | 590 | 2.1 | 2.5 | 2.6 | 7 | 120° | |
| | XZMYK54W-1 | InGaAlP (Yellow) | Water Clear | 590 | 2.0 | 2.5 | 18 | 48 | 120° | |
| | XZMY54W-1 | InGaAlP (Yellow) | Water Clear | 590 | 2.0 | 2.5 | 36 | 75 | 120° | |
| | XZUBK54W-1 | GaN (Blue) | Water Clear | 430 | 4.0 | 4.5 | 2.6 | 5 | 120° | |
| | XZUB54W-1 | GaN (Blue) | Water Clear | 430 | 3.8 | 4.5 | 2.6 | 7 | 120° | |
| | XZBB54W-1 | InGaN (Blue) | Water Clear | 468 | 3.65 | 4.2 | 18 | 40 | 120° | |

| | | | | | | | | | | |
|--|----------|--------------------|-------------|-----|------|-----|-----|-----|------|---|
| 3.2x1.6x1.1mm (1206)  | XZUR55W | GaAsP/GaP (Red) | Water Clear | 627 | 2.0 | 2.5 | 4 | 11 | 120° | 8 |
| | XZMR55WA | GaAlAs (Red) | Water Clear | 660 | 1.85 | 2.5 | 36 | 75 | 120° | |
| | XZMDK55W | InGaAlP (Red) | Water Clear | 650 | 1.95 | 2.5 | 50 | 145 | 120° | |
| | XZMD55W | InGaAlP (Red) | Water Clear | 640 | 1.9 | 2.5 | 70 | 175 | 120° | |
| | XZMOK55W | InGaAlP (Orange) | Water Clear | 610 | 2.1 | 2.5 | 50 | 155 | 120° | |
| | XZMO55W | InGaAlP (Orange) | Water Clear | 610 | 2.0 | 2.5 | 70 | 195 | 120° | |
| | XZMG55W | GaP (Green) | Water Clear | 565 | 2.2 | 2.5 | 4 | 14 | 120° | |
| | XZSGK55W | InGaAlP (Green) | Water Clear | 574 | 2.1 | 2.5 | 18 | 59 | 120° | |
| | XZSG55W | InGaAlP (Green) | Water Clear | 574 | 2.1 | 2.5 | 18 | 69 | 120° | |
| | XZAG55W | InGaN (Green) | Water Clear | 500 | 3.6 | 4.4 | 50 | 98 | 120° | |
| | XZBGK55W | InGaN (Green) | Water Clear | 515 | 4.2 | 4.8 | 36 | 95 | 120° | |
| | XZBG55W | InGaN (Green) | Water Clear | 520 | 4.0 | 4.5 | 50 | 115 | 120° | |
| | XZUY55W | GaAsP/GaP (Yellow) | Water Clear | 590 | 2.1 | 2.5 | 2.6 | 7 | 120° | |
| | XZMYK55W | InGaAlP (Yellow) | Water Clear | 590 | 2.0 | 2.5 | 18 | 48 | 120° | |
| | XZMY55W | InGaAlP (Yellow) | Water Clear | 590 | 2.0 | 2.5 | 36 | 75 | 120° | |
| | XZUBK55W | GaN (Blue) | Water Clear | 430 | 4.0 | 4.5 | 2.6 | 5 | 120° | |
| | XZUB55W | GaN (Blue) | Water Clear | 430 | 3.8 | 4.5 | 2.6 | 7 | 120° | |
| | XZBB55W | InGaN (Blue) | Water Clear | 468 | 3.65 | 4.2 | 18 | 40 | 120° | |



1.Soldering Pattern Dimension Unit : mm Tolerance : ±0.25mm Dimension Unit : mm(inches)
 2.We reserve the right to make changes at any time to enhance the design and / or performance of the product.