



## GaN

## UV Photodiodes

## Survey

| Type No.  | Housing | Radiant Sensitivity<br>mAW | Sensitive Area<br>mm <sup>2</sup> | Dark Current<br>nA<br>U <sub>r</sub> =1V | Capacitance<br>C <sub>t</sub> [pF]<br>0V, f=1MHz | Spectral sensitivity<br>λ [nm] | Peak wavelength<br>λ <sub>p</sub> [nm] | Half angle<br>Δθ [deg] |
|-----------|---------|----------------------------|-----------------------------------|--|--|--------------------------------|--|------------------------|
| UV0.1TB-2 | Mini    | 200                        | 0.1                               | <1                                       | 2.3  | 280~370                        | 360                                    | 20                     |
| UV0.1TF-2 | TO46    | 200                        | 0.1                               | <1                                       | 2.3  | 280~370                        | 360                                    | 30                     |
| UV0.2TF-2 | TO46    | 200                        | 0.2                               | <1                                       | 4.6  | 280~370                        | 355                                    | 30                     |
| UV1.0TF-3 | TO46    | 180                        | 1                                 | 0.07                                     | 40   | 220~370                        | 360                                    | 30                     |
| UV4.0TF-3 | TO5     | 180                        | 4                                 | 0.1                                      | 105  | 180~370                        | 355                                    | 30                     |
| UV16TF-3  | TO5     | 180                        | 16                                | <1                                       | 186  | 180~370                        | 355                                    | 30                     |