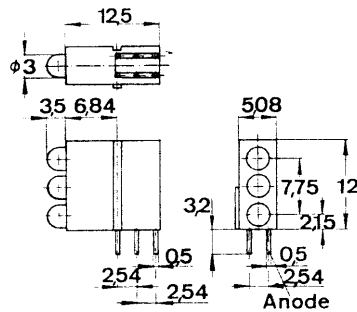
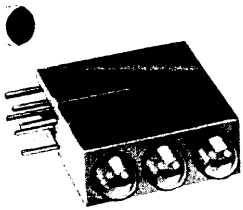


[查询"1882.2221"供应商](#)

## ● 3 mm Dreifach-LED

## ○ 3 mm Triple-LED

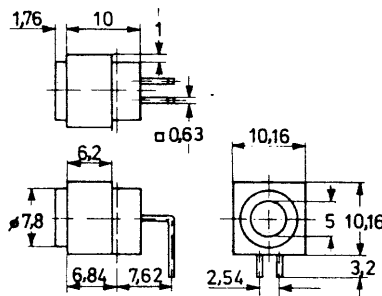
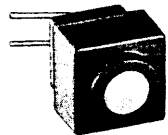
| Technische Daten    | Technical Data        |                 |
|---------------------|-----------------------|-----------------|
| Gehäusewerkstoff    | Housing Material      | PC              |
| Umgebungstemperatur | Ambient Temperature   | -40°C ... +85°C |
| Löttemperatur       | Soldering Temperature | 260 °C ≤ 5 sec. |



| LED-●<br>Type | Farbe oben<br>Colour above | Farbe mitten<br>Colour center | Farbe unten<br>Colour below | Art.-Nr.  |
|---------------|----------------------------|-------------------------------|-----------------------------|-----------|
| A1, 3, 4      | Rot<br>Red                 | Gelb<br>Yellow                | Grün<br>Green               | 1882.2781 |
| A1            | Rot<br>Red                 | Rot<br>Red                    | Rot<br>Red                  | 1882.2221 |
| A3            | Gelb<br>Yellow             | Gelb<br>Yellow                | Gelb<br>Yellow              | 1882.7771 |
| A4            | Grün<br>Green              | Grün<br>Green                 | Grün<br>Green               | 1882.8881 |

## ● Symbol LED's

## Symbol LED's Sufforts de symbole à led



|  |      |         |           |
|--|------|---------|-----------|
|  | A 42 | Rot/Red | 1809.2330 |
|--|------|---------|-----------|

● Technische Daten der LED's auf Seite 37.

● LED-Specification on page 37.

Magerdruck keine Lagertype · Bestellmengen und Preise auf Anfrage

Light printing non stock item · Quantity and pricing upon request

LED-Technische Daten

LED-Technical Data

| LED-Type |    | Farbe/Colour<br>Wellenlänge/<br>Wavelength. |     | Linsen-<br>farbe<br>Lense Col. | Durchl.-Spng.<br>Forward Voltage<br>U <sub>F</sub> (V) I <sub>F</sub> = 20/**2 mA<br>**10 mA |     | Durchl.-Strom<br>Fwd.-Current<br>I <sub>F</sub> max. (mA) | κ <sub>φ</sub><br>(50 % I <sub>V</sub> ) | Lichtstärke<br>Luminous Intensity<br>10/**2 mA<br>I <sub>V</sub> (mcd) I <sub>F</sub> = **20 mA |     |      | Stoßstrom<br>Peak Fwd.-<br>Curr. I <sub>FS</sub> (A) | Sperrspng.<br>Rev. Voltage<br>U <sub>R</sub> (V) |
|----------|----|---------------------------------------------|-----|--------------------------------|----------------------------------------------------------------------------------------------|-----|-----------------------------------------------------------|------------------------------------------|-------------------------------------------------------------------------------------------------|-----|------|------------------------------------------------------|--------------------------------------------------|
|          |    | λ (nm)                                      |     |                                | typ                                                                                          | max |                                                           |                                          | Grad./Deg.                                                                                      | min | typ  |                                                      |                                                  |
| C        | 1  | rot                                         | 700 | rot/diff.                      | 2,0                                                                                          | 2,5 | 25                                                        | ±30°                                     | 3,2                                                                                             | -   | 8    | 0,15                                                 | 5                                                |
|          | 2  | superrot                                    | 625 | rot/diff.                      | 2,0                                                                                          | 2,5 | 30                                                        | ±30°                                     | 12,5                                                                                            | -   | 32   | 0,15                                                 | 5                                                |
|          | 3  | gelb                                        | 590 | gelb/diff.                     | 2,1                                                                                          | 2,5 | 30                                                        | ±30°                                     | 5                                                                                               | -   | 12,5 | 0,15                                                 | 5                                                |
|          | 4  | grün                                        | 565 | grün/diff.                     | 2,2                                                                                          | 2,5 | 25                                                        | ±30°                                     | 8                                                                                               | -   | 32   | 0,15                                                 | 5                                                |
|          | 5  | rot                                         | 700 | rot/diff.                      | 2,0                                                                                          | 2,5 | 25                                                        | ±30°                                     | 3,2                                                                                             | -   | 8    | 0,15                                                 | 5                                                |
|          | 6  | superrot                                    | 625 | rot/diff.                      | 2,0                                                                                          | 2,5 | 30                                                        | ±30°                                     | 32                                                                                              | -   | 80   | 0,15                                                 | 5                                                |
|          | 7  | gelb                                        | 590 | gelb/diff.                     | 2,1                                                                                          | 2,5 | 30                                                        | ±30°                                     | 12,5                                                                                            | -   | 32   | 0,15                                                 | 5                                                |
|          | 8  | grün                                        | 565 | grün/diff.                     | 2,2                                                                                          | 2,5 | 25                                                        | ±30°                                     | 12,5                                                                                            | -   | 32   | 0,15                                                 | 5                                                |
|          | 9  | superrot                                    | 625 | rot/diff.                      | 1,7*                                                                                         | 2,0 | 7                                                         | ±30°                                     | 0,8*                                                                                            | -   | 3,2  | 0,15                                                 | 5                                                |
|          | 10 | gelb                                        | 590 | gelb/diff.                     | 1,8*                                                                                         | 2,1 | 7                                                         | ±30°                                     | 0,8*                                                                                            | -   | 3,2  | 0,15                                                 | 5                                                |
|          | 11 | grün                                        | 565 | grün/diff.                     | 1,9*                                                                                         | 2,2 | 7                                                         | ±30°                                     | 0,8*                                                                                            | -   | 3,2  | 0,15                                                 | 5                                                |
|          | 12 | superrot                                    | 625 | rot/diff.                      | 1,7*                                                                                         | 2,0 | 7                                                         | ±30°                                     | 2*                                                                                              | -   | 8    | 0,15                                                 | 5                                                |
|          | 13 | gelb                                        | 590 | gelb/diff.                     | 1,8*                                                                                         | 2,1 | 7                                                         | ±30°                                     | 0,8*                                                                                            | -   | 3,2  | 0,15                                                 | 5                                                |
|          | 14 | grün                                        | 565 | grün/diff.                     | 1,9*                                                                                         | 2,2 | 7                                                         | ±30°                                     | 0,8*                                                                                            | -   | 3,2  | 0,15                                                 | 5                                                |
|          | 22 | rot                                         | 700 | rot/diff.                      | 2,0                                                                                          | 2,5 | 25                                                        | ±35°                                     | 1,25                                                                                            | -   | 3,2  | 0,15                                                 | 5                                                |
|          | 23 | gelb                                        | 590 | gelb/diff.                     | 2,1                                                                                          | 2,5 | 30                                                        | ±35°                                     | 5                                                                                               | -   | 12,5 | 0,15                                                 | 5                                                |
|          | 24 | grün                                        | 565 | grün/diff.                     | 2,2                                                                                          | 2,5 | 25                                                        | ±35°                                     | 5                                                                                               | -   | 12,5 | 0,15                                                 | 5                                                |
|          | 38 | rot                                         | 700 | rot/diff.                      | 2,0                                                                                          | 2,5 | 25                                                        | ±50°                                     | 0,5                                                                                             | -   | 1,25 | 0,15                                                 | 5                                                |
|          | 40 | gelb                                        | 590 | gelb/diff.                     | 2,1                                                                                          | 2,5 | 30                                                        | ±50°                                     | 3,2                                                                                             | -   | 8    | 0,15                                                 | 5                                                |
|          | 41 | grün                                        | 565 | grün/diff.                     | 2,2                                                                                          | 2,5 | 25                                                        | ±50°                                     | 3,2                                                                                             | -   | 8    | 0,15                                                 | 5                                                |
|          | 42 | rot                                         | 700 | rot/diff.                      | 2,0                                                                                          | 2,5 | 25                                                        | ±50°                                     | 1,25                                                                                            | -   | 3,2  | 0,15                                                 | 5                                                |
|          | 51 | blau                                        | 470 | blau/clear                     | 3,8                                                                                          | 4,4 | 50                                                        | ±10°                                     | 3**                                                                                             | -   | 5    | 0,2                                                  | 5                                                |
|          | 52 | blau                                        | 470 | blau/clear                     | 3,8                                                                                          | 4,4 | 50                                                        | ±8°                                      | 3**                                                                                             | -   | 5    | 0,2                                                  | 5                                                |
|          | 57 | rot                                         | 660 | rot/diff.                      | 1,6**                                                                                        | 2,0 | 45                                                        | ±35°                                     | 1                                                                                               | -   | 3,2  | 0,5                                                  | 25                                               |
|          | 58 | gelb                                        | 586 | gelb/diff.                     | 2,0**                                                                                        | 2,6 | 40                                                        | ±35°                                     | 6,3                                                                                             | -   | 20   | 0,5                                                  | 25                                               |
|          | 59 | grün                                        | 565 | grün/diff.                     | 2,0**                                                                                        | 2,6 | 40                                                        | ±35°                                     | 6,3                                                                                             | -   | 20   | 0,5                                                  | 25                                               |
|          | 60 | rot                                         | 660 | rot/diff.                      | 2,0                                                                                          | 2,5 | 25                                                        | ±60°                                     | 0,2                                                                                             | -   | 0,5  | 0,15                                                 | 5                                                |
|          | 61 | gelb                                        | 590 | gelb/diff.                     | 2,1                                                                                          | 2,5 | 30                                                        | ±60°                                     | 1,25                                                                                            | -   | 3,2  | 0,15                                                 | 5                                                |
|          | 62 | grün                                        | 565 | grün/diff.                     | 2,2                                                                                          | 2,5 | 25                                                        | ±60°                                     | 2,0                                                                                             | -   | 5,0  | 0,15                                                 | 5                                                |
|          | 66 | superrot                                    | 635 | rot/diff.                      | 1,8*                                                                                         | 2,6 | 7,5                                                       | ±30°                                     | 0,8*                                                                                            | -   | 3,2  | 0,15                                                 | 25                                               |
|          | 67 | gelb                                        | 586 | gelb/diff.                     | 2,0*                                                                                         | 2,7 | 7,5                                                       | ±30°                                     | 0,8*                                                                                            | -   | 3,2  | 0,15                                                 | 25                                               |
|          | 68 | grün                                        | 565 | grün/diff.                     | 1,9*                                                                                         | 2,6 | 7,5                                                       | ±30°                                     | 0,8*                                                                                            | -   | 3,2  | 0,15                                                 | 25                                               |
|          |    |                                             |     |                                |                                                                                              |     |                                                           |                                          |                                                                                                 |     |      |                                                      |                                                  |
|          |    |                                             |     |                                |                                                                                              |     |                                                           |                                          |                                                                                                 |     |      |                                                      |                                                  |
|          |    |                                             |     |                                |                                                                                              |     |                                                           |                                          |                                                                                                 |     |      |                                                      |                                                  |
|          |    |                                             |     |                                |                                                                                              |     |                                                           |                                          |                                                                                                 |     |      |                                                      |                                                  |
|          |    |                                             |     |                                |                                                                                              |     |                                                           |                                          |                                                                                                 |     |      |                                                      |                                                  |
|          |    |                                             |     |                                |                                                                                              |     |                                                           |                                          |                                                                                                 |     |      |                                                      |                                                  |
|          |    |                                             |     |                                |                                                                                              |     |                                                           |                                          |                                                                                                 |     |      |                                                      |                                                  |
|          |    |                                             |     |                                |                                                                                              |     |                                                           |                                          |                                                                                                 |     |      |                                                      |                                                  |
|          |    |                                             |     |                                |                                                                                              |     |                                                           |                                          |                                                                                                 |     |      |                                                      |                                                  |
|          |    |                                             |     |                                |                                                                                              |     |                                                           |                                          |                                                                                                 |     |      |                                                      |                                                  |
|          |    |                                             |     |                                |                                                                                              |     |                                                           |                                          |                                                                                                 |     |      |                                                      |                                                  |
|          |    |                                             |     |                                |                                                                                              |     |                                                           |                                          |                                                                                                 |     |      |                                                      |                                                  |
|          |    |                                             |     |                                |                                                                                              |     |                                                           |                                          |                                                                                                 |     |      |                                                      |                                                  |
|          |    |                                             |     |                                |                                                                                              |     |                                                           |                                          |                                                                                                 |     |      |                                                      |                                                  |
|          |    |                                             |     |                                |                                                                                              |     |                                                           |                                          |                                                                                                 |     |      |                                                      |                                                  |
|          |    |                                             |     |                                |                                                                                              |     |                                                           |                                          |                                                                                                 |     |      |                                                      |                                                  |
|          |    |                                             |     |                                |                                                                                              |     |                                                           |                                          |                                                                                                 |     |      |                                                      |                                                  |
|          |    |                                             |     |                                |                                                                                              |     |                                                           |                                          |                                                                                                 |     |      |                                                      |                                                  |
|          |    |                                             |     |                                |                                                                                              |     |                                                           |                                          |                                                                                                 |     |      |                                                      |                                                  |
|          |    |                                             |     |                                |                                                                                              |     |                                                           |                                          |                                                                                                 |     |      |                                                      |                                                  |
|          |    |                                             |     |                                |                                                                                              |     |                                                           |                                          |                                                                                                 |     |      |                                                      |                                                  |
|          |    |                                             |     |                                |                                                                                              |     |                                                           |                                          |                                                                                                 |     |      |                                                      |                                                  |
|          |    |                                             |     |                                |                                                                                              |     |                                                           |                                          |                                                                                                 |     |      |                                                      |                                                  |
|          |    |                                             |     |                                |                                                                                              |     |                                                           |                                          |                                                                                                 |     |      |                                                      |                                                  |
|          |    |                                             |     |                                |                                                                                              |     |                                                           |                                          |                                                                                                 |     |      |                                                      |                                                  |
|          |    |                                             |     |                                |                                                                                              |     |                                                           |                                          |                                                                                                 |     |      |                                                      |                                                  |
|          |    |                                             |     |                                |                                                                                              |     |                                                           |                                          |                                                                                                 |     |      |                                                      |                                                  |
|          |    |                                             |     |                                |                                                                                              |     |                                                           |                                          |                                                                                                 |     |      |                                                      |                                                  |
|          |    |                                             |     |                                |                                                                                              |     |                                                           |                                          |                                                                                                 |     |      |                                                      |                                                  |
|          |    |                                             |     |                                |                                                                                              |     |                                                           |                                          |                                                                                                 |     |      |                                                      |                                                  |
|          |    |                                             |     |                                |                                                                                              |     |                                                           |                                          |                                                                                                 |     |      |                                                      |                                                  |
|          |    |                                             |     |                                |                                                                                              |     |                                                           |                                          |                                                                                                 |     |      |                                                      |                                                  |
|          |    |                                             |     |                                |                                                                                              |     |                                                           |                                          |                                                                                                 |     |      |                                                      |                                                  |
|          |    |                                             |     |                                |                                                                                              |     |                                                           |                                          |                                                                                                 |     |      |                                                      |                                                  |
|          |    |                                             |     |                                |                                                                                              |     |                                                           |                                          |                                                                                                 |     |      |                                                      |                                                  |
|          |    |                                             |     |                                |                                                                                              |     |                                                           |                                          |                                                                                                 |     |      |                                                      |                                                  |
|          |    |                                             |     |                                |                                                                                              |     |                                                           |                                          |                                                                                                 |     |      |                                                      |                                                  |
|          |    |                                             |     |                                |                                                                                              |     |                                                           |                                          |                                                                                                 |     |      |                                                      |                                                  |
|          |    |                                             |     |                                |                                                                                              |     |                                                           |                                          |                                                                                                 |     |      |                                                      |                                                  |
|          |    |                                             |     |                                |                                                                                              |     |                                                           |                                          |                                                                                                 |     |      |                                                      |                                                  |
|          |    |                                             |     |                                |                                                                                              |     |                                                           |                                          |                                                                                                 |     |      |                                                      |                                                  |
|          |    |                                             |     |                                |                                                                                              |     |                                                           |                                          |                                                                                                 |     |      |                                                      |                                                  |
|          |    |                                             |     |                                |                                                                                              |     |                                                           |                                          |                                                                                                 |     |      |                                                      |                                                  |
|          |    |                                             |     |                                |                                                                                              |     |                                                           |                                          |                                                                                                 |     |      |                                                      |                                                  |
|          |    |                                             |     |                                |                                                                                              |     |                                                           |                                          |                                                                                                 |     |      |                                                      |                                                  |
|          |    |                                             |     |                                |                                                                                              |     |                                                           |                                          |                                                                                                 |     |      |                                                      |                                                  |
|          |    |                                             |     |                                |                                                                                              |     |                                                           |                                          |                                                                                                 |     |      |                                                      |                                                  |
|          |    |                                             |     |                                |                                                                                              |     |                                                           |                                          |                                                                                                 |     |      |                                                      |                                                  |
|          |    |                                             |     |                                |                                                                                              |     |                                                           |                                          |                                                                                                 |     |      |                                                      |                                                  |