Subject: Red & Green 5 mm LED
Posted by FL152 on Sun, 15 Apr 2018 19:04:45 GMT
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NOS Siemens LR5360-DG standard diffused 5 mm red LED measured / calculated values (If = 10 mA) :

Figure 1: Forward voltage Uf against applied current If for 5 mm red LED LR5360-DG

Figure 2: Dynamic resistance rD vs. applied current If for 5 mm red LED LR5360-DG

Cheap "no name" 5 mm standard diffused green LED measured / calculated values (If = 10 mA) :

Figure 3: Forward voltage Uf against applied current If for green "no name" 5 mm LED

Figure 4: Dynamic resistance rD vs. applied current for green "no name" 5 mm LED

Measured and calculated values are pretty in line with previously published values for similar LEDs, see for example „Valve Amplifiers 4" by M. Jones, pages 44-45.

File Attachments

1) graf4.tif, downloaded 1343 times
2) graf5.tif, downloaded 1315 times
3) graf6.tif, downloaded 1328 times
4) graf7.tif, downloaded 1341 times