|  |  |  |  |  |  |  |  |  |  |
| --- | --- | --- | --- | --- | --- | --- | --- | --- | --- |
| **Měrný odpor** *ρ*  **Hallův koeficient** *RH* **Pohyblivost** *μ* **Koncentrace volných nositelů** **náboje** *n*  *n* =  (n>>p)  *Uσ =* ( Uσ+ - Uσ-) *UH =* [ U(++) – U(+ -) + U(- -) – U(- +)];U(B,I); *rH* | | | | | | | | | |
| ***B*** mT | ***I***  *mA* | **Uσ+**  *mV* | **Uσ-**  *mV* | ***Uσ***  *mV* | **U(++)**  *mV* | **U(+-)**  *mV* | **U(--)**  *mV* | **U(-+)**  *mV* | ***UH***  *mV* |
| 0 | 56,5 | 107,46 | -107,54 |  |  |  |  |  |  |
| 521 | 56,5 |  |  |  | -5,667 | +5,676 | +5,590 | -5,582 |  |
| 521 | 74,8 |  |  |  | -7,515 | +7,530 | +7,416 | -7,400 |  |
| 1077 | 74,8 |  |  |  | -7,558 | +7,593 | +7,366- | -7,350 |  |
| 1562 | 74,8 |  |  |  | -7,613 | +7,635 | +7,301 | -7,290 |  |
| 1562 | 96,8 |  |  |  | -9,793 | +9,810 | +9,429 | -9,409 |  |
|  |  |  |  |  |  |  |  |  |  |
|  |  |  |  |  |  |  |  |  |  |
|  |  |  |  |  |  |  |  |  |  |

**DATA HALL – KOV vzorek A6** 12.3.2021

Geometrie vzorků

*U0=0* *l Uσ*

*a*

Polovodič: *a =*

*w*=

*l = UH w*

Kov*: a =* 5,0 mm

*l =*  10,0 mm

**A6** *w =*