17PL10BD02S产品规格设计

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| **毛棒编码** | | **切断圆棒编码** | **切方方棒编码** | **滚磨方棒编码** | **硅片编码** |
| **12PG10B001S** | | **14PG10B001S** | **15PL10B002S** | **16PL10B002S** | **17PL10BD02S** |
| **产品族编码** | | **产品系列** | **物料描述** | | |
| **P63L13** | | **苍穹** |  | | |
| **序号** | **参数** | | **参数值** | **公差** | **单位** |
| 1.关键属性 | | | | | |
| 1.2 | 型号 | | 型号 |  |  |
| 1.3 | 掺杂剂 | | 掺杂剂 |  |  |
| 2.方案属性-毛棒 | | | | | |
| 2.1 | 原始晶棒直径 | | 取毛棒直径 |  | mm |
| 2.2 | 电阻率★ | | 电阻率 |  | Ω.cm |
| 2.3 | 少子寿命★ | | ≥200 |  | μs |
| 2.4 | 寿命电阻比 | | ≥170 |  |  |
| 2.5 | 氧含量★ | | 氧含量 |  | ppma |
| ≤7.5×10^17 |  | at/cm3 |
| 2.6 | 碳含量★ | | 碳含量 |  | ppma |
| ≤5.0×10^16 |  | at/cm3 |
| 2.7 | 圆棒计称重转化系数 | | 7.608（毛棒获取） |  | mm/kg |
| 3.方案属性-滚磨方棒 | | | | | |
| 4.1 | 产品直径★ | | 产品直径 | +0.25/-0.25 | mm |
| 4.2 | 边距1★ | | 硅片边距1 | +0.20/-0.20 | mm |
| 边距2★ | | 硅片边距2 | +0.25/-0.25 |
| 4.3 | 弧长投影★ | | 弧长投影 | +0.40/-0.40 | mm |
| 4.4 | 倒角形状 | | 固化至流程中 |  |  |
| 4.5 | 直边角度 | | 90 | +0.15/-0.15 | ° |
| 4.6 | 方棒计称重转化系数 | | 12.270 |  | mm/kg |
| 4.方案属性-硅片 | | | | | |
| 4.1 | 产品直径★ | | 产品直径 | +0.25/-0.25 | mm |
| 4.2 | 边距1★ | | 硅片边距1 | +0.20/-0.20 | mm |
| 边距2★ | | 硅片边距2 | +0.25/-0.25 |  |
| 4.3 | 弧长投影★ | | 1.38&1.31 | +0.40/-0.40 | mm |
| 4.4 | 厚度 | | 155 | +10/-8 | mm |
| 4.5 | TTV | | ≤25 |  |  |
| 4.6 | 线痕 | | ≤13 |  |  |