Please indicate **required parameters** instead of **red tinted** ones below (fill areas **\_\_\_\_\_\_\_\_\_\_**).

|  |  |  |
| --- | --- | --- |
| Concave **O**N **A**XIS **P**ARABOLIC MIRROR | SPECIFICATION (see drawing left) | |
|  | Substrate **material**  (AstroSitall®, Zerodur, Fused Silica, etc.) | **\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_** |
| Mirror **diameter,** *[mm]* | **\_\_\_\_** *+0, -0.5* |
| Mirror **Edge Thickness (ET) ,** *[mm]* | **\_\_\_\_** ±*0.5* |
| **C**lear(Work) **A**perture(**CA**)**,** *[mm],* | **\_\_\_\_** *+0.5, -0* |
| **P**arent Parabola **F**ocal **L**ength, *[mm]* | **\_\_\_\_** ±*0.5%* |
| You can set the accuracy of mirror surface manufacturing you need in the  following three ways (at least one of them You have to choose), please indicate: | |
| First way: surface **figure accuracy**  (at test Lambda=633*nm, RMS or/and P2V*) | RMS **λ/\_\_\_\_**  or/and P2V **λ/\_\_\_\_** |
| Second way: **Slope Error***, [arcSec]*  (at test Lambda=633*nm, RMS or/and P2V*) | **\_\_\_\_** |
| Standard specification:  Back surface: flat, ±10’ to **o**ptical **a**xis of the mirror  Non optical surfaces: fine ground ~45*µm*; chamfering  Marking: Individual #;  Work environment:  Laboratory, +10°C …+45°C, no baking,  Max humidity 70% | Third way: desirable **focal spot** **diameter** *[FHWM, µm]* | **\_\_\_\_\_\_** |
| Surface **quality**, *[Scratch-Dig],* ***choose*** *at full CA* ***or*** *at 1”*  Micro-Roughness, *RMS* *[nm]* | **\_\_-\_\_**  **\_\_\_\_\_\_** |
| Desirable **coating specification**  **or** work wavelength range and coating requirements | **\_\_\_\_\_\_** |
| **Mounted or not?**  If mounted – mounting requirements? | **\_\_\_\_\_\_** |
| Some other important data or notes? | | |

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