

DENKA TFE for SEM and TEM

June 15, 2003

Grade

- DENKA TFE 174C SE : for SEM application
- DENKA TFE 174C TE : for TEM application

Technical data

- Operating temperature: $\leq 1850\text{K}$. 1750-1800K recommended.
- Operating pressure : $\leq 1.3 \times 10^{-6}\text{Pa}$ ($1 \times 10^{-8}\text{Torr}$).
Operation $\leq 2.7 \times 10^{-7}\text{Pa}$ ($2 \times 10^{-9}\text{Torr}$) recommended.
- Tip radius
174C SE : $0.4\text{-}0.6\mu\text{m}$
174C TE : $0.7\text{-}0.9\mu\text{m}$
- Filament current at 1800K : $\leq 2.60\text{A}$

Drawing

