

C19M10-30-005 Mean Time Between Failure

C19M10-30-005 MTBF = 14,016,000 hours

Probability that any given unit will not fail within 5 years is determined by the formula $R(T) = e^{-T/MTBF}$ where $T = 43,800$ hours. Thus $R(T) = e^{-0.00313} = 0.9969$. There is a 99.69% probability that any given C19M10-30-005 will perform without failure for 5 years.

C19M10-30-005 5-year performance probability = 99.69%