



TECHNICAL REPORT - MTBF -

No.RT-E455

製品名/Kind of Equipment : Programmable logic controllers FC5A series
形番/Type Designation : FC5A series
定格/Rating : 24V DC
適用規格/In accordance with : MIL-HDBK-217F

Subject Calculating MTBF about following products, based on MIL-HDBK-217F

Series FC5A series

Type FC5A-D12K1E

FC5A-D12S1E

FC5A-F2MR2

FC5A-F2M2

Ambient Temperature 30°C

Failure Rate & fit & MTBF

(1) FC5A-D12K1E

Failure Rate(λ_p)=18.234 Failures/10⁶Hours

MTBF= 54,843Hours (6.3Years)

(2) FC5A-D12S1E

Failure Rate(λ_p)=17.991 Failures/10⁶Hours

MTBF= 55,583Hours (6.3Years)

(3) FC5A-F2MR2

Failure Rate(λ_p)=15.899 Failures/10⁶Hours

MTBF=62,895 Hours (7.2Years)

(4) FC5A-F2M2

Failure Rate(λ_p)=18.694 Failures/10⁶Hours

MTBF=53,494 Hours (6.1Years)

試験担当/Tested by :

Date : 14/04/2011

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