

MTBF (EIAJ RCR-9102)

AME Series

Input module

No.	Model	Failure rate [$10^{-6}/H$]	Reference
1	AME400F	9.341	
2	AME600F	9.371	
3	AME800F	12.270	
4	AME1200F	12.446	

Output module

No.	Model	Failure rate [$10^{-6}/H$]	Reference
1	Module code : J	2.869	
2	Module code : A	2.905	
3	Module code : K	2.861	
4	Module code : B	2.876	
5	Module code : L	2.876	
6	Module code : C	2.759	
7	Module code : M	2.693	
8	Module code : D	2.715	
9	Module code : E4	3.833	
10	Module code : E	3.833	
11	Module code : S	4.164	
12	Module code : F4	3.833	
13	Module code : F	3.833	
14	Module code : T	4.171	
15	Module code : G4	3.671	
16	Module code : G	3.671	
17	Module code : U	3.424	
18	Module code : H4	3.011	
19	Module code : H	3.011	
20	Module code : V4	3.534	
21	Module code : V	3.534	
22	Module code : V5	3.534	
23	Module code : R	3.193	

**故障率と MTBF の算出方法**

Calculation method for failure rate and MTBF.

故障率 = (入力モジュールの故障率) + Σ (組み込まれる出力モジュールの故障率)Failure rate = (Failure rate of input module
+ Σ (Failure rate of output modules included in AME Series)

$$\text{MTBF} = \frac{1}{\text{故障率}} [\text{H}]$$

$$\text{MTBF} = \frac{1}{\text{Failure rate}} [\text{H}]$$