



# M T B F

(MIL-HDBK217F NOTICE 2)

Model	WMA100F-12
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No.	P a r t s		Q' ty of Device	Failure rate [10 <sup>-6</sup> /H]	Reference
1	I C	M o n o l i t h i c	2	0.7360	
2		H y b r i d	0	0.0000	
3	T r a n s i s t o r s		3	1.4990	
4	D i o d e s		13	0.3350	
5	LED•Optocouplers		2	0.1910	
6	R e s i s t o r s		59	0.3430	
7	C a p a c i t o r s		32	3.8980	
8	Transformer•Choke Coil		7	0.4380	
9	C o n n e c t o r s		276	0.4480	
1 0	O t h e r s		3	0.0200	
Total Failure Rate [10 <sup>-6</sup> /H]				7.9080	

M T B F	[H]	126,500
Ambient Temperature	[°C]	40.0
Load Factor	[%]	100



M T B F (E I A J R C R - 9 1 0 2)

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No.	P a r t s		Q'ty of Device	Failure rate [10 <sup>-6</sup> /H]	R e f e r e n c e
1	I C	M o n o l i t h i c	2	0.0980	
2		H y b r i d	0	0.0000	
3	T r a n s i s t o r s		3	0.1991	
4	D i o d e s		13	0.3175	
5	LED・Optocouplers		2	0.0712	
6	R e s i s t o r s		59	0.4314	
7	C a p a c i t o r s		32	0.3977	
8	Transformer・Choke Coil		7	0.0782	
9	C o n n e c t o r s		276	0.1187	
10	O t h e r s		3	0.0430	
Total Failure Rate [10 <sup>-6</sup> /H]				1.7548	

M T B F [H]	570,000
Ambient Temperature [°C]	—
Load Factor [%]	—