



M T B F

(MIL-HDBK217F NOTICE 2)

Model	WMA35F-12
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No.	P a r t s		Q'ty of Device	Failure rate [10 ⁻⁶ /H]	Reference
1	I C	M o n o l i t h i c	2	1.4270	
2		H y b r i d	0	0.0000	
3	T r a n s i s t o r s		2	1.1840	
4	D i o d e s		11	0.4110	
5	LED•Optocouplers		2	0.3210	
6	R e s i s t o r s		40	0.1810	
7	C a p a c i t o r s		22	3.2720	
8	Transformer•Choke Coil		3	0.4560	
9	C o n n e c t o r s		205	0.3200	
1 0	O t h e r s		3	0.0200	
Total Failure Rate [10 ⁻⁶ /H]				7.5920	

M T B F	[H]	131,700
Ambient Temperature	[°C]	50.0
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 ⁻⁶ /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		2	0.1980	
4	D i o d e s		11	0.2660	
5	LED•Optocouplers		2	0.0712	
6	R e s i s t o r s		40	0.4276	
7	C a p a c i t o r s		22	0.2550	
8	Transformer•Choke Coil		3	0.0690	
9	C o n n e c t o r s		205	0.0777	
1 0	O t h e r s		3	0.0430	
Total Failure Rate [10 ⁻⁶ /H]				1.5055	

M T B F	[H]	664,000
Ambient Temperature	[°C]	—
Load Factor	[%]	—