



M T B F

(MIL-HDBK217F NOTICE 2)

Model	WMA35F-48
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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	1.2710	
4	D i o d e s		13	0.4620	
5	LED•Optocouplers		2	0.3210	
6	R e s i s t o r s		41	0.2420	
7	C a p a c i t o r s		21	2.8870	
8	Transformer•Choke Coil		3	0.4740	
9	C o n n e c t o r s		204	0.3200	
1 0	O t h e r s		3	0.0200	
Total Failure Rate [10 ⁻⁶ /H]				7.4240	

M T B F	[H]	134,700
Ambient Temperature	[°C]	50.0
Load Factor	[%]	100



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(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		13	0.2920	
5	LED•Optocouplers		2	0.0712	
6	R e s i s t o r s		41	0.4278	
7	C a p a c i t o r s		21	0.2250	
8	Transformer•Choke Coil		3	0.0690	
9	C o n n e c t o r s		204	0.0756	
1 0	O t h e r s		3	0.0430	
Total Failure Rate [10 ⁻⁶ /H]				1.4996	

M T B F	[H]	667,000
Ambient Temperature	[°C]	—
Load Factor	[%]	—