



# M T B F

(MIL-HDBK217F NOTICE 2)

Model	WMA75F-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	0.3710	
2		H y b r i d	0	0.0000	
3	T r a n s i s t o r s		3	1.3550	
4	D i o d e s		12	0.2480	
5	LED•Optocouplers		2	0.2500	
6	R e s i s t o r s		47	0.2520	
7	C a p a c i t o r s		25	2.8590	
8	Transformer•Choke Coil		4	0.4130	
9	C o n n e c t o r s		227	0.3210	
1 0	O t h e r s		3	0.0200	
Total Failure Rate [10 <sup>-6</sup> /H]				6.0890	

M T B F	[H]	164,200
Ambient Temperature	[°C]	40.0
Load Factor	[%]	100



# M T B F

(E I A J R C R - 9 1 0 2)

Model	WMA75F-12
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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		12	0.2735	
5	LED•Optocouplers		2	0.0712	
6	R e s i s t o r s		47	0.4290	
7	C a p a c i t o r s		25	0.2998	
8	Transformer•Choke Coil		4	0.0713	
9	C o n n e c t o r s		227	0.0826	
10	O t h e r s		3	0.0430	
Total Failure Rate [10 <sup>-6</sup> /H]				1.5675	

M T B F	[H]	638,000
Ambient Temperature	[°C]	—
Load Factor	[%]	—