



M T B F

(MIL-HDBK217F NOTICE 2)

Model	WDA30F-12
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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	3.8920	
2		H y b r i d	0	0.0000	
3	T r a n s i s t o r s		2	1.6250	
4	D i o d e s		11	0.5090	
5	LED•Optocouplers		2	0.5050	
6	R e s i s t o r s		40	0.1980	
7	C a p a c i t o r s		26	3.2970	
8	Transformer•Choke Coil		3	0.4300	
9	C o n n e c t o r s		220	0.4440	
1 0	O t h e r s		4	0.0200	
Total Failure Rate [10 ⁻⁶ /H]				10.9200	

M T B F	[H]	91,600
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		26	0.2855	
8	Transformer・Choke Coil		3	0.0690	
9	C o n n e c t o r s		220	0.0821	
1 0	O t h e r s		4	0.1470	
Total Failure Rate [10 ⁻⁶ /H]				1.6444	

M T B F	[H]	608,000
Ambient Temperature	[°C]	—
Load Factor	[%]	—