



M T B F

(MIL-HDBK217F NOTICE 2)

Model	WDA90F-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	Monolithic	2	8.9110	
2		Hybrid	0	0.0000	
3	Transistors		4	1.6820	
4	Diodes		14	0.7270	
5	LED•Optocouplers		2	0.5420	
6	Resistors		55	0.3400	
7	Capacitors		31	5.8750	
8	Transformer•Choke Coil		10	0.7020	
9	Connectors		278	0.4470	
10	Others		3	0.0120	
Total Failure Rate [10 <sup>-6</sup> /H]				19.2380	

M T B F	[H]	52,000
Ambient Temperature	[°C]	40.0
Load Factor	[%]	100



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

Model	WDA90F-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	Monolithic	2	0.0980	
2		Hybrid	0	0.0000	
3	Transistors		4	0.2002	
4	Diodes		14	0.3415	
5	LED•Optocouplers		2	0.0712	
6	Resistors		55	0.4306	
7	Capacitors		31	0.3912	
8	Transformer•Choke Coil		10	0.1058	
9	Connectors		278	0.0984	
10	Others		3	0.1330	
Total Failure Rate [10 <sup>-6</sup> /H]				1.8699	

M T B F	[H]	535,000
Ambient Temperature	[℃]	—
Load Factor	[%]	—