



# M T B F

(MIL-HDBK217F NOTICE 2)

Model	WDA30F-5
-------	----------

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	4.1860	
2		H y b r i d	0	0.0000	
3	T r a n s i s t o r s		2	1.9110	
4	D i o d e s		12	0.6190	
5	LED•Optocouplers		2	0.5050	
6	R e s i s t o r s		40	0.1960	
7	C a p a c i t o r s		27	5.0560	
8	Transformer•Choke Coil		3	0.4770	
9	C o n n e c t o r s		228	0.4440	
1 0	O t h e r s		4	0.0200	
Total Failure Rate [10 <sup>-6</sup> /H]				13.4140	

M T B F	[H]	74,500
Ambient Temperature	[°C]	50.0
Load Factor	[%]	100



# M T B F

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

Model	WDA30F-5
-------	----------

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		2	0.1980	
4	D i o d e s		12	0.3100	
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		27	0.3155	
8	Transformer•Choke Coil		3	0.0690	
9	C o n n e c t o r s		228	0.0872	
1 0	O t h e r s		4	0.1470	
Total Failure Rate [10 <sup>-6</sup> /H]				1.7235	

M T B F	[H]	580,000
Ambient Temperature	[°C]	—
Load Factor	[%]	—