



M T B F

(MIL-HDBK217F NOTICE 2)

Model	UMA120F-7R5-Y
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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	4	2.6250	
2		H y b r i d	0	0.0000	
3	T r a n s i s t o r s		10	10.9260	
4	D i o d e s		15	0.6660	
5	LED•Optocouplers		2	0.3620	
6	R e s i s t o r s		90	0.3410	
7	C a p a c i t o r s		44	3.4880	
8	Transformer•Choke Coil		9	0.4560	
9	C o n n e c t o r s		247	0.0130	
10	O t h e r s		5	0.0360	
Total Failure Rate [10 ⁻⁶ /H]				18.9130	

M T B F	[H]	52,900
Ambient Temperature	[°C]	40.0
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	4	0.1460	
2		H y b r i d	0	0.0000	
3	T r a n s i s t o r s		10	0.6963	
4	D i o d e s		15	0.2310	
5	LED・Optocouplers		2	0.1400	
6	R e s i s t o r s		90	0.4376	
7	C a p a c i t o r s		44	0.4413	
8	Transformer・Choke Coil		9	0.1242	
9	C o n n e c t o r s		247	0.0594	
10	O t h e r s		5	0.1850	
Total Failure Rate [10 ⁻⁶ /H]				2.4608	

M T B F	[H]	406,000
Ambient Temperature	[°C]	—
Load Factor	[%]	—

* BD-9474