



M T B F (MIL-HDBK217F NOTICE 2)

Model	UMA120F-18-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	Monolithic	4	4.8230	
2		Hybrid	0	0.0000	
3	Transistors		10	13.1590	
4	Diodes		16	0.7210	
5	LED•Optocouplers		2	0.4950	
6	Resistors		89	0.3470	
7	Capacitors		44	3.5640	
8	Transformer•Choke Coil		9	0.5760	
9	Connectors		247	0.0130	
10	Others		5	0.0390	
Total Failure Rate [10 ⁻⁶ /H]				23.7370	

M T B F	[H]	42,100
Ambient Temperature	[°C]	50.0
Load Factor	[%]	100

* BD-9476



M T B F

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

Model	UMA120F-18-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	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		16	0.2550	
5	LED・Optocouplers		2	0.1400	
6	R e s i s t o r s		89	0.4374	
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	
1 0	O t h e r s		5	0.1850	
Total Failure Rate [10 ⁻⁶ /H]				2.4846	

M T B F	[H]	402,000
Ambient Temperature	[°C]	—
Load Factor	[%]	—