



M T B F

(MIL-HDBK217F NOTICE 2)

Model	UMCS60F-5-E
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No.	P a r t s		Q' ty of Device	Failure rate [10 ⁻⁶ /H]	Re f e r e n c e
1	I C	M o n o l i t h i c	2	0.2730	
2		H y b r i d	0	0.0000	
3	T r a n s i s t o r s		3	0.7750	
4	D i o d e s		7	0.0970	
5	LED•Optocouplers		2	0.3650	
6	R e s i s t o r s		38	0.1830	
7	C a p a c i t o r s		24	0.7260	
8	Transformer•Choke Coil		6	0.2270	
9	C o n n e c t o r s		240	0.0220	
1 0	O t h e r s		6	0.0360	
Total Failure Rate [10 ⁻⁶ /H]				2.7040	

M T B F	[H]	369,800
Ambient Temperature	[°C]	30.0
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]	Re 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		3	0.1012	
4	D i o d e s		7	0.1792	
5	LED•Optocouplers		2	0.1400	
6	R e s i s t o r s		38	0.3274	
7	C a p a c i t o r s		24	0.2698	
8	Transformer•Choke Coil		6	0.1173	
9	C o n n e c t o r s		240	0.1014	
1 0	O t h e r s		6	0.1880	
Total Failure Rate [10 ⁻⁶ /H]				1.5223	

M T B F	[H]	657,000
Ambient Temperature	[°C]	—
Load Factor	[%]	—