



M T B F

(MIL-HDBK217F NOTICE 2)

Model	UMCS60F-12-E
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No.	P a r t s		Q' ty of Device	Failure rate [10 ⁻⁶ /H]	Reference
1	I C	Monolithic	2	0.2730	
2		Hybrid	0	0.0000	
3	Transistors		3	0.8270	
4	Diodes		7	0.1160	
5	LED•Optocouplers		2	0.2740	
6	Resistors		42	0.2380	
7	Capacitors		25	0.8520	
8	Transformer•Choke Coil		6	0.2510	
9	Connectors		240	0.0220	
10	Others		6	0.0360	
Total Failure Rate [10 ⁻⁶ /H]				2.8890	

M T B F	[H]	346,100
Ambient Temperature	[°C]	30.0
Load Factor	[%]	100



M T B F

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

Model	UMCS60F-12-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	Monolithic	2	0.0980	
2		Hybrid	0	0.0000	
3	Transistors		3	0.1012	
4	Diodes		7	0.1792	
5	LED•Optocouplers		2	0.1400	
6	Resistors		42	0.3282	
7	Capacitors		25	0.2772	
8	Transformer•Choke Coil		6	0.1173	
9	Connectors		240	0.1014	
10	Others		6	0.1880	
Total Failure Rate [10 ⁻⁶ /H]				1.5305	

M T B F	[H]	653,000
Ambient Temperature	[°C]	—
Load Factor	[%]	—