



M T B F

(MIL-HDBK217F NOTICE 2)

Model	UMPS30F05-E
-------	-------------

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	1.4120	
2		Hybrid	0	0.0000	
3	Transistors		2	1.0520	
4	Diodes		7	0.1480	
5	LED•Optocouplers		2	0.6300	
6	Resistors		40	0.1500	
7	Capacitors		21	1.5540	
8	Transformer•Choke Coil		5	0.3860	
9	Connectors		215	0.0160	
10	Others		3	0.0200	
Total Failure Rate [10 ⁻⁶ /H]				5.3680	

M T B F	[H]	186,300
Ambient Temperature	[°C]	40.0
Load Factor	[%]	100



M T B F

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

Model	UMPS30F05-E
-------	-------------

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		2	0.1001	
4	Diodes		7	0.1792	
5	LED•Optocouplers		2	0.1400	
6	Resistors		40	0.3278	
7	Capacitors		21	0.2241	
8	Transformer•Choke Coil		5	0.1150	
9	Connectors		215	0.0739	
10	Others		3	0.0430	
Total Failure Rate [10 ⁻⁶ /H]				1.3011	

M T B F	[H]	769,000
Ambient Temperature	[°C]	—
Load Factor	[%]	—