



M T B F

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

Model	GT5-12
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No.	Parts		Q' ty of Device	Failure rate [$10^{-6}/H$]	Reference
1	IC	Linear	2	0.0480	
2	Transistors	NPN/PNP	0	0.0000	
3	Transistors	Power NPN/PNP	1	0.0420	
4	FET	MOS FET	3	0.2970	
5	Diodes	FR	2	0.0440	
6	Diodes	Zener	2	0.0480	
7	Diodes	bridge	3	0.1980	
8	Resistors	Metal Film	26	0.4160	
9	Resistors	Power Film	3	0.1230	
10	Resistors	cement	6	0.2460	
10	Resistors	variable	1	0.0160	
11	Capacitors	Aluminum Electrolytic	16	0.3040	
12	Capacitors	Film	5	0.0420	
13	Transformer	Power	1	0.3600	
14	Fuses		1	0.0200	
15	Connectors	Printed Crcuit Board	7	0.3640	
16	Connection	Hand Solder	28	0.0728	
17	Connection	Flow Solder	376	0.1955	
18	Connection	Crimp	39	0.0242	
19	Connection	Screw	12	0.0120	
20	Printed Crcuit Board	Through Hole	5	0.2250	
Total Failure Rate [$10^{-6}/H$]				3.0975	

M T B F	[H]	322,000
Ambient Temperature	[°C]	-
Load Factor	[%]	-