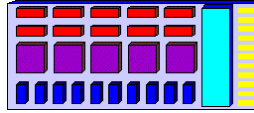


Standard Reliability Prediction Report

Part Number IR10412
Reference Des E. Foster
Date May 20, 2004
Environment GB, GC - Ground Benign, Controlled
Temperature 30.00

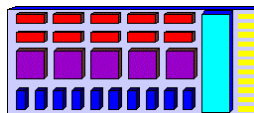


Description Industrial Relay PC/104 20
File Name IR104_12_75.rpj
Time 11:24 AM
Failure Rate 17.462131
MTBF 57,267

Assembly Name	Part Number	Ref Des	Qty	Failure Rate	MTBF
IR104-12	IR10412	E. Foster	1.00	17.462131	57,267

Standard Reliability Prediction Report

Part Number IR10412
Reference Des E. Foster
Date May 20, 2004
Environment GB, GC - Ground Benign, Controlled
Temperature 30.00



Description Industrial Relay PC/104 20
File Name IR104_12_75.rpj
Time 11:24 AM
Failure Rate 17.462131
MTBF 57,267

Part Number	Category	Ref Des	Failure Rate, Unit	Quantity	Failure Rate
CAP-0805-0.1U	Capacitor	C1-20	0.013062	20.00	0.261246
CAP-1206-1U	Capacitor	C21,22	0.032465	2.00	0.064930
CAP-D-100U	Capacitor	C23,25	0.041964	2.00	0.083928
CAP-D-100U-16V	Capacitor	C24	0.034334	1.00	0.034334
CON-PC104-16	Connection	J2	0.052000	1.00	0.052000
CON-PC104-8	Connection	J1	0.083200	1.00	0.083200
CON-PCB-RA20-3.5	Connection	CN1,2	0.000300	2.00	0.000600
CON-PIN-0.1-40-RA	Connection	CN4	0.000600	1.00	0.000600
CON-PIN-2MM-3POS	Connection	JP1,2	0.000045	2.00	0.000090
CON-PLUG20-3.5	Connection	CN1,2	1.240000	2.00	2.480000
DIODE-SMA-40V	Semiconductor	D1-20	0.008230	20.00	0.164603
FET-SOT23-N	Semiconductor	Q1-20	0.151877	20.00	3.037537
IC-ISPLSI2096-80LT	Integrated Circuit	IC1	0.117472	1.00	0.117472
OPTO-SO8-DUAL	Semiconductor	IC2-11	0.109121	10.00	1.091209
PCB-IR104-V02	Connection	PCB	0.017000	1.00	0.017000
RES-1206-0R0	Resistor	R42	0.016257	1.00	0.016257
RES-1206-4K99	Resistor	R1-40	0.021303	40.00	0.852126
RLY-5A-SPST-12VDC	Relay	RLY1-20	0.455250	20.00	9.104999