

MODEL CAN-PCI-02 MTBF				
P/N 02-01156-000				
MTBF CALCULATION PER MIL-HDBK-217F PARTS COUNT RELIABILITY PREDICTION METHOD				
ITEM	QUANTITY	FAILURE RATE PER 10⁶ HOURS	QUALITY FACTOR	TOTAL FAILURE RATE PER 10⁶ HOURS
CAPACITOR, ELECTROLYTIC	4	0.02400	3.0	0.2880
CAPACITOR, CERAMIC	66	0.00360	3.0	0.7128
CONNECTOR	2	0.00540	2.0	0.0216
DIODE, SCHOTTKY	4	0.04700	2.5	0.4700
IC, BIPOLAR LINEAR	6	0.00950	2.0	0.1140
IC, DIGITAL CMOS	2	0.00570	3.1	0.0353
IC, REGULATOR	4	0.00950	8.0	0.3040
INDUCTORS, MOLDED	2	0.00170	4.0	0.0136
OSCILLATOR, CRYSTAL	1	0.03200	2.1	0.0672
PROM, EE	1	0.01000	2.0	0.0200
RESISTOR NETWORK, FILM	4	0.00230	3.0	0.0276
RESISTOR, METAL FILM	4	0.00120	3.0	0.0144
RESISTOR, WW POWER	1	0.01400	3.0	0.0420
SOLDERED CONNECTIONS	208	0.00007	1.0	0.0146
TRANSFORMER	2	0.02300	3.0	0.1380
TRANSISTORS	1	0.00015	5.5	0.0008
			TOTAL	2.2839
			MTBF (HOURS)	437843
			MTBF (YRS)	49.98