

<b>MODEL R22-055-18 ROHS MTBF</b>				
<b>P/N 00-00906-000</b>				
<b>MTBF CALCULATION PER MIL-HDBK-217F PARTS COUNT RELIABILITY PREDICTION METHOD</b>				
<b>ITEM</b>	<b>QUANTITY</b>	<b>FAILURE RATE PER 10<sup>6</sup> HOURS</b>	<b>QUALITY FACTOR</b>	<b>TOTAL FAILURE RATE PER 10<sup>6</sup> HOURS</b>
CAPACITOR, ALUMINUM OXIDE ELECT	4	0.02400	3.0	0.2880
CAPACITOR, CERAMIC	62	0.00360	3.0	0.6696
DIODE, SCHOTTKY	1	0.04700	2.5	0.1175
DIODE, SWITCHING	14	0.00094	5.5	0.0724
DIODE, ZENER	2	0.00330	5.5	0.0363
FET, SILICON	9	0.01400	8.0	1.0080
IC, BIPOLAR LINEAR	4	0.00950	2.0	0.0760
IC, DIGITAL CMOS	15	0.00570	3.1	0.2651
IC, REGULATOR	2	0.00950	8.0	0.1520
INDUCTORS	1	0.00170	4.0	0.0068
OSCILLATOR, CRYSTAL	1	0.03200	2.1	0.0672
PCB	2	0.00004	2.0	0.0002
PROM, EE	1	0.01000	2.0	0.0200
RECTIFIER, POWER	3	0.00280	8.0	0.0672
RESISTOR NETWORK, FILM	17	0.00230	3.0	0.1173
RESISTOR, METAL FILM	45	0.00120	3.0	0.1620
RESISTOR, WW POWER	3	0.01400	3.0	0.1260
SOLDERED CONNECTIONS	380	0.00007	1.0	0.0266
THERMISTOR	1	0.06500	3.0	0.1950
TRANSFORMER, FLYBACK	1	0.02300	3.0	0.0690
TRANSISTORS, BIPOLAR	2	0.00015	5.5	0.0017
			<b>TOTAL</b>	<b>3.5437</b>
			<b>MTBF (HOURS)</b>	<b>282187</b>
			<b>MTBF (YRS)</b>	<b>32.21</b>

<b>MODEL R22-090-09 ROHS MTBF</b>				
<b>P/N 00-00904-000</b>				
<b>MTBF CALCULATION PER MIL-HDBK-217F PARTS COUNT RELIABILITY PREDICTION METHOD</b>				
<b>ITEM</b>	<b>QUANTITY</b>	<b>FAILURE RATE PER 10<sup>6</sup> HOURS</b>	<b>QUALITY FACTOR</b>	<b>TOTAL FAILURE RATE PER 10<sup>6</sup> HOURS</b>
CAPACITOR, ALUMINUM OXIDE ELECT	4	0.02400	3.0	0.2880
CAPACITOR, CERAMIC	62	0.00360	3.0	0.6696
DIODE, SCHOTTKY	1	0.04700	2.5	0.1175
DIODE, SWITCHING	14	0.00094	5.5	0.0724
DIODE, ZENER	2	0.00330	5.5	0.0363
FET, SILICON	9	0.01400	8.0	1.0080
IC, BIPOLAR LINEAR	4	0.00950	2.0	0.0760
IC, DIGITAL CMOS	15	0.00570	3.1	0.2651
IC, REGULATOR	2	0.00950	8.0	0.1520
INDUCTORS	1	0.00170	4.0	0.0068
OSCILLATOR, CRYSTAL	1	0.03200	2.1	0.0672
PCB	2	0.00004	2.0	0.0002
PROM, EE	1	0.01000	2.0	0.0200
RECTIFIER, POWER	3	0.00280	8.0	0.0672
RESISTOR NETWORK, FILM	17	0.00230	3.0	0.1173
RESISTOR, METAL FILM	45	0.00120	3.0	0.1620
RESISTOR, WW POWER	3	0.01400	3.0	0.1260
SOLDERED CONNECTIONS	380	0.00007	1.0	0.0266
THERMISTOR	1	0.06500	3.0	0.1950
TRANSFORMER, FLYBACK	1	0.02300	3.0	0.0690
TRANSISTORS, BIPOLAR	2	0.00015	5.5	0.0017
			<b>TOTAL</b>	<b>3.5437</b>
			<b>MTBF (HOURS)</b>	<b>282187</b>
			<b>MTBF (YRS)</b>	<b>32.21</b>

<b>MODEL R22-180-09 ROHS MTBF</b>				
<b>P/N 00-00908-000</b>				
<b>MTBF CALCULATION PER MIL-HDBK-217F PARTS COUNT RELIABILITY PREDICTION METHOD</b>				
<b>ITEM</b>	<b>QUANTITY</b>	<b>FAILURE RATE PER 10<sup>6</sup> HOURS</b>	<b>QUALITY FACTOR</b>	<b>TOTAL FAILURE RATE PER 10<sup>6</sup> HOURS</b>
CAPACITOR, ALUMINUM OXIDE ELECT	4	0.02400	3.0	0.2880
CAPACITOR, CERAMIC	62	0.00360	3.0	0.6696
DIODE, SCHOTTKY	1	0.04700	2.5	0.1175
DIODE, SWITCHING	14	0.00094	5.5	0.0724
DIODE, ZENER	2	0.00330	5.5	0.0363
FET, SILICON	9	0.01400	8.0	1.0080
IC, BIPOLAR LINEAR	4	0.00950	2.0	0.0760
IC, DIGITAL CMOS	15	0.00570	3.1	0.2651
IC, REGULATOR	2	0.00950	8.0	0.1520
INDUCTORS	1	0.00170	4.0	0.0068
OSCILLATOR, CRYSTAL	1	0.03200	2.1	0.0672
PCB	2	0.00004	2.0	0.0002
PROM, EE	1	0.01000	2.0	0.0200
RECTIFIER, POWER	3	0.00280	8.0	0.0672
RESISTOR NETWORK, FILM	17	0.00230	3.0	0.1173
RESISTOR, METAL FILM	45	0.00120	3.0	0.1620
RESISTOR, WW POWER	3	0.01400	3.0	0.1260
SOLDERED CONNECTIONS	380	0.00007	1.0	0.0266
THERMISTOR	1	0.06500	3.0	0.1950
TRANSFORMER, FLYBACK	1	0.02300	3.0	0.0690
TRANSISTORS, BIPOLAR	2	0.00015	5.5	0.0017
			<b>TOTAL</b>	<b>3.5437</b>
			<b>MTBF (HOURS)</b>	<b>282187</b>
			<b>MTBF (YRS)</b>	<b>32.21</b>

<b>MODEL R22-180-18 ROHS MTBF</b>				
<b>P/N 00-00910-000</b>				
<b>MTBF CALCULATION PER MIL-HDBK-217F PARTS COUNT RELIABILITY PREDICTION METHOD</b>				
<b>ITEM</b>	<b>QUANTITY</b>	<b>FAILURE RATE PER 10<sup>6</sup> HOURS</b>	<b>QUALITY FACTOR</b>	<b>TOTAL FAILURE RATE PER 10<sup>6</sup> HOURS</b>
CAPACITOR, ALUMINUM OXIDE ELECT	4	0.02400	3.0	0.2880
CAPACITOR, CERAMIC	62	0.00360	3.0	0.6696
DIODE, SCHOTTKY	1	0.04700	2.5	0.1175
DIODE, SWITCHING	14	0.00094	5.5	0.0724
DIODE, ZENER	2	0.00330	5.5	0.0363
FET, SILICON	9	0.01400	8.0	1.0080
IC, BIPOLAR LINEAR	4	0.00950	2.0	0.0760
IC, DIGITAL CMOS	15	0.00570	3.1	0.2651
IC, REGULATOR	2	0.00950	8.0	0.1520
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OSCILLATOR, CRYSTAL	1	0.03200	2.1	0.0672
PCB	2	0.00004	2.0	0.0002
PROM, EE	1	0.01000	2.0	0.0200
RECTIFIER, POWER	3	0.00280	8.0	0.0672
RESISTOR NETWORK, FILM	17	0.00230	3.0	0.1173
RESISTOR, METAL FILM	45	0.00120	3.0	0.1620
RESISTOR, WW POWER	3	0.01400	3.0	0.1260
SOLDERED CONNECTIONS	380	0.00007	1.0	0.0266
THERMISTOR	1	0.06500	3.0	0.1950
TRANSFORMER, FLYBACK	1	0.02300	3.0	0.0690
TRANSISTORS, BIPOLAR	2	0.00015	5.5	0.0017
			<b>TOTAL</b>	<b>3.5437</b>
			<b>MTBF (HOURS)</b>	<b>282187</b>
			<b>MTBF (YRS)</b>	<b>32.21</b>

<b>MODEL R22-180-20 ROHS MTBF</b>				
<b>P/N 00-00912-000</b>				
<b>MTBF CALCULATION PER MIL-HDBK-217F PARTS COUNT RELIABILITY PREDICTION METHOD</b>				
<b>ITEM</b>	<b>QUANTITY</b>	<b>FAILURE RATE PER 10<sup>6</sup> HOURS</b>	<b>QUALITY FACTOR</b>	<b>TOTAL FAILURE RATE PER 10<sup>6</sup> HOURS</b>
CAPACITOR, ALUMINUM OXIDE ELECT	4	0.02400	3.0	0.2880
CAPACITOR, CERAMIC	62	0.00360	3.0	0.6696
DIODE, SCHOTTKY	1	0.04700	2.5	0.1175
DIODE, SWITCHING	14	0.00094	5.5	0.0724
DIODE, ZENER	2	0.00330	5.5	0.0363
FET, SILICON	9	0.01400	8.0	1.0080
IC, BIPOLAR LINEAR	4	0.00950	2.0	0.0760
IC, DIGITAL CMOS	15	0.00570	3.1	0.2651
IC, REGULATOR	2	0.00950	8.0	0.1520
INDUCTORS	1	0.00170	4.0	0.0068
OSCILLATOR, CRYSTAL	1	0.03200	2.1	0.0672
PCB	2	0.00004	2.0	0.0002
PROM, EE	1	0.01000	2.0	0.0200
RECTIFIER, POWER	3	0.00280	8.0	0.0672
RESISTOR NETWORK, FILM	17	0.00230	3.0	0.1173
RESISTOR, METAL FILM	45	0.00120	3.0	0.1620
RESISTOR, WW POWER	3	0.01400	3.0	0.1260
SOLDERED CONNECTIONS	380	0.00007	1.0	0.0266
THERMISTOR	1	0.06500	3.0	0.1950
TRANSFORMER, FLYBACK	1	0.02300	3.0	0.0690
TRANSISTORS, BIPOLAR	2	0.00015	5.5	0.0017
			<b>TOTAL</b>	<b>3.5437</b>
			<b>MTBF (HOURS)</b>	<b>282187</b>
			<b>MTBF (YRS)</b>	<b>32.21</b>