

<b>MODEL BTM-055-20 ROHS MTBF</b>				
<b>P/N 00-01020-000</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, CERAMIC	57	0.00099	3.0	0.1693
CONNECTOR	1	0.00540	2.0	0.0108
DIODE, GENERAL PURPOSE	1	0.00360	5.5	0.0198
DIODE, SCHOTTKY	5	0.00300	2.4	0.0360
DIODE, SWITCHING	6	0.00094	5.5	0.0310
DIODE, ZENER	1	0.00330	5.5	0.0182
FET, SILICON	9	0.01400	8.0	1.0080
IC, DIGITAL CMOS	20	0.00570	3.1	0.3534
IC, REGULATOR	2	0.00950	8.0	0.1520
INDUCTORS	5	0.00170	4.0	0.0340
PCB	2	0.00002	1.0	0.0000
RESISTOR NETWORK, FILM	8	0.00230	3.0	0.0552
RESISTOR, METAL FILM	75	0.00120	3.0	0.2700
SOLDERED CONNECTIONS	388	0.00007	1.0	0.0268
THERMISTOR	1	0.06500	3.0	0.1950
TRANSISTORS, BIPOLAR	1	0.00015	5.5	0.0008
			<b>TOTAL</b>	<b>2.3803</b>
			<b>MTBF (HOURS)</b>	<b>420117</b>
			<b>MTBF (YRS)</b>	<b>47.96</b>

<b>MODEL BTM-090-10 ROHS MTBF</b>				
<b>P/N 00-01021-000</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, CERAMIC	57	0.00099	3.0	0.1693
CONNECTOR	1	0.00540	2.0	0.0108
DIODE, GENERAL PURPOSE	1	0.00360	5.5	0.0198
DIODE, SCHOTTKY	5	0.00300	2.4	0.0360
DIODE, SWITCHING	6	0.00094	5.5	0.0310
DIODE, ZENER	1	0.00330	5.5	0.0182
FET, SILICON	9	0.01400	8.0	1.0080
IC, DIGITAL CMOS	20	0.00570	3.1	0.3534
IC, REGULATOR	2	0.00950	8.0	0.1520
INDUCTORS	5	0.00170	4.0	0.0340
PCB	2	0.00002	1.0	0.0000
RESISTOR NETWORK, FILM	8	0.00230	3.0	0.0552
RESISTOR, METAL FILM	75	0.00120	3.0	0.2700
SOLDERED CONNECTIONS	388	0.00007	1.0	0.0268
THERMISTOR	1	0.06500	3.0	0.1950
TRANSISTORS, BIPOLAR	1	0.00015	5.5	0.0008
			<b>TOTAL</b>	<b>2.3803</b>
			<b>MTBF (HOURS)</b>	<b>420117</b>
			<b>MTBF (YRS)</b>	<b>47.96</b>