

QUALIFICATION MATRIX

TEST	HCB - 93026	HC2B - 10004	HC3B	HCD - 93026	HC2D - 10004	HC3D
HERMETICITY	MIL STD-202 METHOD 112 CONDITION C PROCEDURE IIIa	MIL STD-202 METHOD 112 CONDITION C PROCEDURE IIIa	MIL STD-202 METHOD 112 CONDITION C PROCEDURE IIIa	MIL STD-202 METHOD 112 CONDITION C PROCEDURE IIIa	MIL STD-202 METHOD 112 CONDITION C PROCEDURE IIIa	MIL STD-202 METHOD 112 CONDITION C PROCEDURE IIIa
SOLDERABILITY	ANSI J-STD -002 METHOD 208	ANSI J-STD -002 METHOD 208	ANSI J-STD -002 METHOD 208	ANSI J-STD -002 METHOD 208	ANSI J-STD -002 METHOD 208	ANSI J-STD -002 METHOD 208
RESISTANCE TO SOLDERING HEAT	MIL-STD-202 METHOD 210 CONDITION B	MIL-STD-202 METHOD 210 CONDITION B	MIL-STD-202 METHOD 210 CONDITION B	MIL-STD-202 METHOD 210 CONDITION B	MIL-STD-202 METHOD 210 CONDITION B	MIL-STD-202 METHOD 210 CONDITION B
RESISTANCE TO SOLVENTS	MIL-STD-202 METHOD 215J	MIL-STD-202 METHOD 215J	MIL-STD-202 METHOD 215J	MIL-STD-202 METHOD 215J	MIL-STD-202 METHOD 215J	MIL-STD-202 METHOD 215J
TERMINAL STRENGTH	MIL-STD 202 METHOD 211, CONDITION A	MIL-STD 202 METHOD 211, CONDITION A	MIL-STD 202 METHOD 211, CONDITION A	MIL-STD 202 METHOD 211, CONDITION A	MIL-STD 202 METHOD 211, CONDITION A	MIL-STD 202 METHOD 211, CONDITION A
RESISTANCE TO FUNGUS	The Capacitor materials shall not support fungus	The Capacitor materials shall not support fungus	The Capacitor materials shall not support fungus	The Capacitor materials shall not support fungus	The Capacitor materials shall not support fungus	The Capacitor materials shall not support fungus
SHOCK	MIL-STD-202 Method 213 Condition D 1mS, 500g Peak	MIL-STD-202 Method 213 Condition D 1mS, 500g Peak	MIL-STD-202 Method 213 Condition D 1mS, 500g Peak	MIL-STD-202 Method 213 Condition D 1mS, 500g Peak	MIL-STD-202 Method 213 Condition D 1mS, 500g Peak	MIL-STD-202 Method 213 Condition D 1mS, 500g Peak
VIBRATION - HIGH FREQUENCY	MIL-STD-202 Method 204 Condition H 12 Sweeps / Axis, 80g Peak	MIL-STD-202 Method 204 Condition H 12 Sweeps / Axis, 80g Peak	MIL-STD-202 Method 204 Condition H 12 Sweeps / Axis, 80g Peak	MIL-STD-202 Method 204 Condition H 12 Sweeps / Axis, 80g Peak	MIL-STD-202 Method 204 Condition H 12 Sweeps / Axis, 80g Peak	MIL-STD-202 Method 204 Condition H 12 Sweeps / Axis, 80g Peak
VIBRATION - RANDOM	MIL-STD-202 Method 214 Condition II-K 1- 1/2 hr/axis, 53.8g rms	MIL-STD-202 Method 214 Condition II-K 1- 1/2 hr/axis, 53.8g rms	MIL-STD-202 Method 214 Condition II-K 1- 1/2 hr/axis, 53.8g rms	MIL-STD-202 Method 214 Condition II-K 1- 1/2 hr/axis, 53.8g rms	MIL-STD-202 Method 214 Condition II-K 1- 1/2 hr/axis, 53.8g rms	MIL-STD-202 Method 214 Condition II-K 1- 1/2 hr/axis, 53.8g rms
THERMAL SHOCK	MIL-STD 202, Method 107 Conidion A 30 cycles, step 3 at +125°C	MIL-STD 202, Method 107 Conidion A 30 cycles, step 3 at +125°C	MIL-STD 202, Method 107 Conidion A 30 cycles, step 3 at +125°C	MIL-STD 202, Method 107 Conidion A 30 cycles, step 3 at +125°C	MIL-STD 202, Method 107 Conidion A 30 cycles, step 3 at +125°C	MIL-STD 202, Method 107 Conidion A 30 cycles, step 3 at +125°C
MOISTURE RESISTANCE	Method 106 Condition A 6V Polarity	Method 106 Condition A 6V Polarity	Method 106 Condition A 6V Polarity	Method 106 Condition A 6V Polarity	Method 106 Condition A 6V Polarity	Method 106 Condition A 6V Polarity
ALTITUDE	MIL-STD-202 METHOD 105 CONDION D 100,000 ft Test	MIL-STD-202 METHOD 105 CONDION D 100,000 ft Test	MIL-STD-202 METHOD 105 CONDION D 100,000 ft Test	MIL-STD-202 METHOD 105 CONDION D 100,000 ft Test	MIL-STD-202 METHOD 105 CONDION D 100,000 ft Test	MIL-STD-202 METHOD 105 CONDION D 100,000 ft Test
SURGE VOLTAGE	1K cycles of charge/discharge @ 110% or Rated Voltage @85°C	1K cycles of charge/discharge @ 110% or Rated Voltage @85°C	1K cycles of charge/discharge @ 110% or Rated Voltage @85°C	1K cycles of charge/discharge @ 110% or Rated Voltage @85°C	1K cycles of charge/discharge @ 110% or Rated Voltage @85°C	1K cycles of charge/discharge @ 110% or Rated Voltage @85°C
LIFE TEST	10,000 hr @ +85°C and Vr, or 2,000 hr at 125°C at derated Voltage	2000 Hours @ 85°C or @ 125°C and derated voltage	2000 Hours @ 85°C or @ 125°C and derated voltage	10,000 hr @ +85°C and Vr, or 2,000 hr at 125°C at derated Voltage	2000 Hours @ 85°C or @ 125°C and derated voltage	2000 Hours @ 85°C or @ 125°C and derated voltage

Testing performed to specification listed. Test report and data available on request