

30 ±MHULHV 3 R / 5 H J X O D W R U V Input V, Output up to	A / W	05 5M 1RMEH
		© PH

Product Qualification Specification

Characteristics			
Visual inspection	JESD22-B101		
Temperature cycling	JESD22-A104-B	Dwell time Transfer time Temperature range Number of cycles	30 min 0-1 min -40 °C to +125 °C 300 cycles
High temperature storage life	JESD22-A103-B	Temperature Duration	125 °C 1000 h
Cold (in operation)	IEC 68-2-1, test Ad	Temperature T _A Duration	-45 °C 72 h
Lead integrity	JESD22-B105-C	Test condition A Weight Duration	1000 g 30 s
Solder ability(not apply to through hole version)	IEC 68-2-54	Solder immersion depth Duration of immersion (F _C time) T _A (time for onset of wetting) Time to F _B Wetting Strength F _B Stability F _C /F _B	1 mm 15 s <4 s 8 s >100 mN/m >0.8
Steady State Temperature Humidity Bias Life Test	JESD22-A101-B	Temperature Humidity Duration Input Voltage	+85 °C 85 % RH 1000 hours Maximum
Mechanical shock	JESD22-B104-B	Peak acceleration Duration Number of shocks	200 g 1.5 ms 5 in each of two directions of three axes
Vibration, variable freq	JESD22-B103-B	Frequency range Acceleration amplitude	10-1000 Hz 10 g or displacement amplitude 1.0 mm
Random vibration	JESD22-B103-B	Frequency Acceleration density	2-500 Hz 0.008-0.2 g ² /Hz
Operational life test		Temperature Load ON OFF Test duration	85 °C Maximum 9 min 3 min 1000 h
Moisture reflow sensitivity classification test	J-STD-020C	SnPb eutectic MSL 1	225 °C
		Pb free MSL 3	260 °C
Resistance to cleaning agents	IEC 68-2-45 Xa Method 2	Water Glycol ether Isopropyl alcohol	+55 ±5 °C +35 ±5 °C +35 ±5 °C