

**Table 3. Mechanical Tests**

Test Name	MIL-STD/JEDEC Reference	Test Conditions	Units Tested	Units Failed
Mechanical shock	JESD22-A101	1500G, 0.5msec, 5 shocks in each of orientation (X1, X2, Y1, Y2, Z1, Z2)	30	0
Vibration Variable	JESD22-A103	20G min, 20 to 2K Hz, 4 cycles, 4 min, Each X, Y, Z axis	30	0
Solderability Test	JESD22-A102	1 hr steam aging and solder dip at 245°C for 5 seconds	30	0
Resistance to Solder heat	JESD22-A106	260°C for 10 seconds	30	0

Note: A failure is any LED open, short, or fails to emit light (except solderability test).

**DISCLAIMER:** Avago's products and software are not specifically designed, manufactured or authorized for sale as parts, components or assemblies for the planning, construction, maintenance or direct operation of a nuclear facility or for use in medical devices or applications. Customer is solely responsible, and waives all rights to make claims against Avago or its suppliers, for all loss, damage, expense or liability in connection with such use.

For product information and a complete list of distributors, please go to our web site: [www.avagotech.com](http://www.avagotech.com)

Avago, Avago Technologies, and the A logo are trademarks of Avago Technologies in the United States and other countries.  
Data subject to change. Copyright © 2005-2014 Avago Technologies. All rights reserved.  
AV02-3969EN - August 20, 2014

**Avago**  
TECHNOLOGIES