

Flows

Rochester Electronics

QUALIFICATION SUMMARIES

*Performed at Rochester's Newburyport campus when appropriate.

Plastic Packages

- > * **PHYSICAL DIMENSIONS**
METHOD B100 OF JESD22
- > * **MARKING PERMANENCY**
METHOD B107 OF JESD22
- > * **SOLDERABILITY**
METHOD B102 OF JESD22
- > * **AUTOCLAVE (PRESSURE COOKER) [Q2 2015]**
ELECTRICAL SCREEN: Room, Hot, Cold
METHOD A102 OF JESD22
END POINT ELECTRICALS: Room, Hot, Cold
- > * **CROSS SECTION FOR DELAMINATION**
- > * **X RAY ANALYSIS**
- > * **BIAS LIFE**
ELECTRICAL SCREEN: Room, Hot, Cold
METHOD A108 of JESD22
TA=125° C t=1000 hours or EQUIVALENT
END POINT ELECTRICALS: Room, Hot, Cold
- > * **HAST [Q2 2015]**
ELECTRICAL SCREEN: Room, Hot, Cold
PRECONDITIONING per METHOD A131 OF JESD22
END POINT ELECTRICALS: Room, Hot, Cold
[NOTE: Preconditioning for surface mount devices only]
METHOD A110A OF JESD22
T= 130° C/85%RH t=96hrs
END POINT ELECTRICALS: Room, Hot, Cold
- > * **LEAD INTEGRITY**
METHOD B105 OF JESD22
- > * **RESISTANCE TO SOLDERING HEAT**
ELECTRICAL SCREEN: (Room Temperature Only)
METHOD B106 OF JESD22
END POINT ELECTRICAL: (Room Temperature Only)
- > * **THERMAL SHOCK**
ELECTRICAL SCREEN: Room, Hot, Cold
METHOD 1011C OF MIL STD 883
-65° C TO 150° C, 100 CYCLES
END POINT ELECTRICAL: Room, Hot, Cold
- > * **TEMPERATURE CYCLE**
ELECTRICAL SCREEN: Room, Hot, Cold
METHOD 1010C OF MIL STD 883
-65° C TO 150° C, 1000 CYCLES
END POINT ELECTRICAL: Room, Hot, Cold

ROCHESTER ELECTRONICS, LLC
WORLDWIDE CORPORATE HEADQUARTERS
16 Malcolm Hoyt Drive – Newburyport, Massachusetts 01950 USA
978.462.9332 phone – 978.462.9512 fax
sales@rocelec.com

© 2015 Rochester Electronics, LLC - All Rights Reserved – 02112015

