

Qualification Summaries

Wafer

- > **ELECTRICAL SCREEN**
END POINT ELECTRICALS: Room, Hot, Cold
- > **AUTOCLAVE (PRESSURE COOKER)**
METHOD A102 OF JESD22
SAT. STEAM, 121°C FOR 96 HRS
END POINT ELECTRICALS: Room, Hot, Cold
- > **BIAS LIFE**
METHOD A108 of JESD22
TA=125°C t=1000hrs or EQUIVELENT
END POINT ELECTRICALS: Room, Hot, Cold
- > **HAST**
METHOD A110A OF JESD22
T= 130°C/85%RH t=96hrs
END POINT ELECTRICALS: Room, Hot, Cold

Plastic Packages

- > **PHYSICAL DIMENSIONS**
METHOD B100 OF JESD22
- > **MARKING PERMANENCY**
METHOD B107 OF JESD22
- > **SOLDERABILITY**
METHOD B102 OF JESD22
- > **AUTOCLAVE (PRESSURE COOKER)**
ELECTRICAL SCREEN: Room, Hot, Cold
METHOD A102 OF JESD22
SAT. STEAM, 121°C FOR 96 HRS
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=1000hrs or EQUIVELENT
END POINT ELECTRICALS: Room, Hot, Cold
* Record all Test Results
- > **HAST**
ELECTRICAL SCREEN: Room, Hot, Cold
PRECONDITIONING per METHOD A131 OF JESD22
END POINT ELECTRICALS: Room, Hot, Cold
NOTE: Preconditioning required for surface mount devices only.
- > **HAST**
ELECTRICAL SCREEN: Room, Hot, Cold
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
ENDPOINT ELECTRICAL: (Room Temperature Only)
- > **THERMAL SHOCK**
ELECTRICAL SCREEN: Room, Hot, Cold
METHOD 1011C OF MIL STD 883
-65°C TO 150°C, 100 CYCLES
ENDPOINT 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
- > **FLAMMABILITY**
IEC STD 695-22 PART

- Worldwide Corporate and Sales Headquarters -

Rochester Electronics, Inc. · 16 Malcolm Hoyt Drive · Newburyport, MA 01950 USA
phone 978.462.9332 · fax 978.462.9512 · email sales@rocelec.com · web www.rocelec.com

© 2007 Rochester Electronics, LLC - All Rights Reserved - 080107 - All other trademarks herein are the property of their respective owners.