

RH3845MW-1 / RH3845MW-2 on 16L Cerpack Aluminum Bonding Wire Change

Qualification Plan

Test Name / Condition	Test Method	Sample Size	Expected Completion Date
Group B Subgroup 2			
Bond Strength	TM 2011	22 wires	Completed
Die Shear Test	TM 2019	3 units	Completed
Group C Subgroup 1			
Steady-State Life Test	TM 1005	45 units	Covered by Q33606
Group D Subgroup 1			
Physical Dimensions	TM 2016	15 units	October 31, 2023
Group D Subgroup 2			
Lead / Terminal Integrity Test	TM 2014	3 units	October 31, 2023
Group D Subgroup 3			
Pre-Electrical Test			October 31, 2023
Thermal Shock	TM 1011	15 units	October 31, 2023
Temperature Cycling	TM 1010	15 units	October 31, 2023
Moisture Resistance	TM 1004	15 units	October 31, 2023
Visual Examination	TM 1004 / TM 1010	15 units	October 31, 2023
FL/GL Test	TM 1014	15 units	October 31, 2023
Group D Subgroup 4			
Pre-Electrical Test			October 31, 2023
Mechanical Shock	TM 2002	15 units	October 31, 2023
Vibration, Variable Frequency	TM 2007	15 units	October 31, 2023
Constant Acceleration	TM 2001	15 units	October 31, 2023
Seal Test	TM 1014	15 units	October 31, 2023
Visual Examination	TM 2007	15 units	October 31, 2023
Post Electrical Test			October 31, 2023
Group D Subgroup 5			
Salt Atmosphere	TM 1009	15 units	October 31, 2023
Visual Examination	TM 1009	15 units	October 31, 2023
FL/GL Test	TM 1014	15 units	October 31, 2023
Group D Subgroup 6			
Internal Water Vapor Test	TM 1018	3 units	October 31, 2023