



DEFENSE LOGISTICS AGENCY
LAND AND MARITIME
POST OFFICE BOX 3990
COLUMBUS, OH 43218-3990

November 7, 2023

Mr. Steven White
Quality Manager
Micros Die & Hi-Rel Components
1810 S. Orange Blossom Trail
Apopka, FL 32703

Dear Mr. White:

Re: Laboratory Suitability MIL-STD-883; FSC 5962; VQH-24-038229, Control Number: 085856

Micros Die & Hi-Rel Components has demonstrated to DLA Land and Maritime compliance with MIL-PRF-38534 and MIL-STD-883. Micros is granted Laboratory Suitability for the facilities, test methods, and conditions shown on the enclosure. This Laboratory Suitability supersedes the previous Laboratory Suitability, DLA Land and Maritime-VQH-21-035596. This Laboratory Suitability also covers Micros' Commercial Laboratory Suitability. All testing must be performed in accordance with MIL-PRF-38534 and MIL-STD-883 test methods.

The standard reporting period is from 1 January through 31 December and due by 31 January of each year.

Micros shall notify DLA Land and Maritime-VQH immediately after learning of a potential issuance of a GIDEP alert, problem advisory or major quality/reliability problem on their military products utilizing the test methods on the attached enclosure. Failure to provide notification to the DLA Land and Maritime Qualifying Activity may be grounds for removal from the Commercial Laboratory Suitability Listing.

This Laboratory Suitability is subject to the policies, procedures, and conditions of the Defense Standardization Program, as published in DoD 4120.24-M and SD-6. This Laboratory Suitability is valid until terminated by written notice from DLA Land and Maritime-VQH. If warranted, it may be withdrawn by DLA Land and Maritime-VQH at any time. Any facility listed on the enclosure is subject to an audit by the Qualifying Activity with a minimum notice.

If you have any questions, please contact Mrs. Cassandra Chalkias at (614) 692-2345.

Sincerely,

for
BRADLEY P. DESLICH
Chief
Hybrid Devices Branch

Enclosure to DLA Land and Maritime- VQH-24-038229

TEST	METHOD/CONDITION	MICROSS	OUTSOURCE LAB
Moisture Resistance	1004	X	HRM
Steady State Life Test	1005/A,B,C,D	X	HRM
Stabilization Bake	1008/A,B,C,D,E,F	X	HRM, MMT
Salt Atmosphere	1009/A,B,C,D	X	HRM
Temperature Cycling	1010/A,B,C	X	HRM, MMT
Thermal Shock	1011/A,B,C	X	HRM
Seal	1014/A1,A2,B1,B2,B2/B1,C1	X	
Seal	1014/A1,A2,C1		HRM
Seal	1014/B1,C1		MMT
Burn-in	1015/A,B,C,D	X	HRM
Internal Water Vapor Content	1018		ORS
Constant Acceleration	2001/A,B,C,D,E	X	HRM, MMT
Mechanical Shock	2002/B	X	HRM
Solderability	2003	X	HRM
Lead Integrity	2004/A,B1,B2,D	X	HRM
Vibration, Variable Frequency	2007/A	X	HRM
External Visual	2009	X	HRM, MMT
Internal Visual	2010/A,B	X	MMT
Bond Strength	2011/D	X	HRM, MMT
Radiography	2012	X	MMT
Resistance to Solvents	2015	X	HRM
Physical Dimensions	2016	X	HRM
SEM	2018	X	HRL
Die Shear Strength	2019	X	HRM, MMT
PIND	2020/A,B	X	HRM, MMT
Glassivation Integrity	2021/B	X	
Nondestructive Bond Pull	2023	X	HRM, MMT
Lid torque	2024		HRM
Adhesion of Lead Finish	2025	X	HRM
Substrate Attach Strength	2027		HRM
Resistance to Soldering Heat	2036/A,B,I,J,K		HRM
ESDS Classification	3015		HRM

TEST	METHOD/CONDITION	MICROSS	OUTSOURCE LAB
Wafer Lot Acceptance	5007	X	HRL
Electrical Test	Per MIL-STD-883 paragraph 4.5 and device spec.	X	HRM
Marking		X	MMT
Assembly Subcontractors	MIL-PRF-38534, Class H, MIL-PRF-38535, Class Q	X	MMT

Micross Die & Hi-Rel Components
1810 S. Orange Blossom Trail
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