



DEFENSE LOGISTICS AGENCY
 DEFENSE SUPPLY CENTER, COLUMBUS
 POST OFFICE BOX 3990
 COLUMBUS, OH 43216-5000

IN REPLY
 REFER TO

DSCC-VQH-03-003026 (Mr. Deslich/614-692-0593/bpd)

JAN 15 2003

SUBJECT: Laboratory Suitability Status, Hybrid Microcircuits, MIL-PRF-38534, FSC 5962

Mr. Arthur France
 Quality Control Manager
 Solitron Devices, Incorporated
 3301 Electronics Way
 West Palm Beach, FL 33407

RECEIVED
 JAN 15 2003
 Solitron Devices Inc
 Corporate

Dear Mr. France:

Based on a sample audit and review of your test methods the week of March 5-7, 2002, a satisfactory confidence level of Laboratory Suitability has been demonstrated. Therefore, your facility at 3301 Electronics Way in West Palm Beach, Florida is considered suitably equipped to perform testing on hybrid microcircuits in accordance with MIL-PRF-38534 for the following test methods of MIL-STD-883:

<u>TEST</u>	<u>METHOD</u>	<u>CONDITION</u>
Insulation Resistance	1003	600Vdc, 100na
Moisture Resistance	1004	N/A
Life Test	1005	A-D, 125°C, T _c , T _a , Air
Stabilization Bake	1008	C (150°C), F
Temperature Cycling	1010	A, B, C
Thermal Shock	1011	C
Seal	1014	A ₁ , A ₄ , C ₁
Burn-In	1015	A-D, 125°C, T _c , T _a , Air
Constant Acceleration	2001	A-E (Y ₁ , Axis)
Mechanical Shock	2002	A, B
Solderability	2003	N/A
Lead Integrity	2004	B ₂
External Visual	2009	N/A
Internal Visual (Monolithic)	2010	B
Bond Strength	2011	D
Radiography	2012	N/A
Internal Visual Mechanical	2014	N/A
Resistance to Solvents	2015	N/A
Physical Dimensions	2016	N/A
Internal Visual (Hybrid)	2017	N/A
Die Shear	2019	N/A
PIND	2020	A, B
Non-Destruct Bond Pull	2023	N/A
Internal Visual (Passive)	2032	N/A
Internal Visual (Transistors)*	2072	N/A
Internal Visual (Diodes)*	2073	N/A

*Test Methods in MIL-STD-750

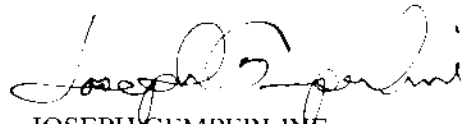
All screening, qualification, and quality conformance tests must be performed by a facility that has been issued Laboratory Suitability by DSCC-VQ for applicable test methods.

This letter is not an authorization to conduct qualification tests at your facility on any of the items covered by MIL-PRF-38534 microcircuits.

This Laboratory Suitability is valid until withdrawn by this Center. This Laboratory Suitability is subject to the conditions stated in DoD 4120.24M and SD-6.

If you have any questions, please contact Mr. Deslich at (614) 692-0593.

Sincerely,

A handwritten signature in black ink, appearing to read "Joseph Gemperline". The signature is fluid and cursive, with a large initial "J" and "G".

JOSEPH GEMPERLINE
Chief
Hybrid Devices Team