



DEFENSE LOGISTICS AGENCY

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

August 2, 2012

Mr. Mark McNulla
Aeroflex-Metelics
9 Hampshire Street
Lawrence, MA 01840

Dear Mr. McNulla:

Re: Notification of Qualification, MIL-PRF-19500P, FSC-5961; VQ (VQE-12-024801); CAGE Code: 52GC4;Control #: 036858

Qualification of your product is granted under the current issue of the specification as a result of successful testing of device type JANTXV2N6678 to Performance Specification MIL-PRF-19500P, Semiconductor Devices, FSC 5961, and performance specification /538, Revision F. Therefore, your products will be listed as shown below in the Qualified Manufacturers List (QML) 19500. The effective date of this qualification is July 20, 2012. The beginning lot date code is B1151.

The qualification lot Thermal Impedance conditions and upper limits are as follows (subject to change after 5 lots with the approval of the qualifying activity):

Table with 6 columns: Vcb, IM, IH, tH, tMD, ZthetaJC. Values include 30V, 10 mA, 2.0 A, 100 ms, 70 us, and Screening 0.65; CI 0.70 C/W max.

Table with 6 columns: Government Designation, ESD Class, Manufacturer Designation, Test Report Reference, Prf. Spec, Manufacturer Name & Address. Lists various part numbers and their specifications.

Plant (3): Bourns Ltd
Manton Lane, MK417BJ
Bedford, UK
(wafer fabrication)

\*\*Includes JAN, JANTX, JANTXV quality levels

This qualification approval is based upon test report number 19500-3610-12 for your die and package and your letter dated June 20, 2012. This approval is subject to the conditions stated in SD-6 and DOD 4120.24M.

Because we are held responsible for the accuracy and currency of this Qualified Manufacturers List, please let us know if your company discontinues production of these products. Also, manufacturers are required to inform this office immediately after learning of a potential issuance of a GIDEP alert, problem advisory, or other problem notification on their QML product. If you have any questions about this letter, contact Mr. Barone at 614-692-0510.

Sincerely,

/SIGNED/

JOSEPH GEMPERLINE
Chief
Sourcing and Qualifications Division