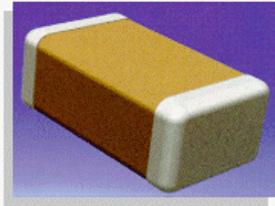
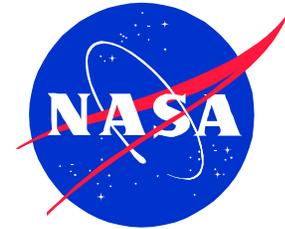


CORE SUPPLIERS LIST



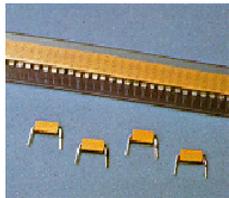
Part I

For Passive Electronic Components

April 1996

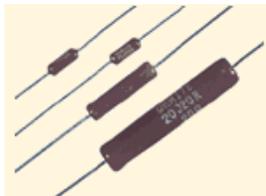
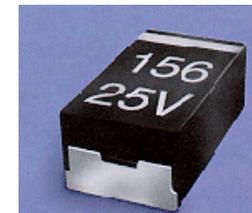


National Aeronautics and Space Administration (NASA)



Goddard Space Flight Center (GSFC)

Greenbelt, Maryland



*Prepared By:
The Passive part Supplier Assessment Program (PSAP)*

PASSIVE PART SUPPLIER ASSESSMENT PROGRAM
(PSAP)

CORE SUPPLIERS LIST

Part I

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April 1996

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Note: The information contained herein is subject to change at any time. Consult the latest QPL for details.

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Passive Part Supplier Assessment Program (PSAP)

Preface

The Passive part Supplier Assessment Program (PSAP) Core Suppliers List (CSL) contains manufacturers that are considered by NASA Goddard Space Flight Center (GSFC) to be proven suppliers of passive electronic components for space flight applications. In reference to this CSL, passive electronic parts include the following part types:

Corresponding MIL-STD-975 Section	Federal Supply Class (FSC)	Description
1	5910	Capacitors
2	5935	Connectors
3	5955	Crystals and Crystal Oscillators
5	5915	Filters, EMI
6	5950	Inductors
8	5920	Protective Devices (Fuses)
9	5945	Relays, Electromagnetic
10	5905	Resistors
11	5905	Thermistors
12	5950	Transformers
14	6145	Wire and Cable
15	60GP	Photonics

Note: At the time this initial Core Suppliers List was published, only the part types highlighted above were reviewed to identify core suppliers. Future editions of the Core Suppliers List will include the remaining part types.

The CSL is intended to help NASA project managers, parts reliability engineers and designers in the prevention and avoidance of EEE part reliability and mission schedule related problems. Such problems can occur when parts are procured from unproven suppliers, or suppliers who may have shown recent trends indicative of unsatisfactory performance.

For convenience, the PSAP CSL Part I is divided into sections based on the Federal Supply Classes (FSC) listed above (resistors, capacitors, etc.). The first page of each section provides a quick reference index which identifies the specific part types produced by each manufacturer for that FSC. This index is helpful when trying to identify the available sources for a particular part type. The subsequent pages of each section provide detailed information about the part types, values, tolerances, case styles, etc. available from each manufacturer. These pages are organized in alphabetical order by manufacturer name.

Note: The information contained herein is subject to change at any time. Consult the latest QPL for details.

Passive Part Supplier Assessment Program (PSAP)

The information provided in this report was obtained from the NASA Standard Electrical, Electronic and Electromechanical parts list (MIL-STD-975), the NASA GSFC Preferred Parts List (PPL-21) and Qualified Products Lists for the various part specifications listed.

Please note that the manufacturer's listing and the accompanying information are considered to be accurate at the time of publication. However, the military specification system and the marketplace for passive electronic parts are continuously evolving. As a result, the listings may change without notice; revisions or amendments will be issued as necessary.

Part I of the PSAP CSL will be eventually be available on the World Wide Web by accessing the GSFC Parts Branch home page at:

<http://arioch.gsfc.nasa.gov/311/html/311.htm>

The CSL will eventually consist of two parts, i.e., Part I and Part II. The criteria established for listing in each of these documents is defined below.

Criteria for Listing a Vendor in Part I of the PSAP CSL

Part I of the PSAP CSL is included herein and contains only those suppliers who satisfy the following criteria:

- Vendor shall produce parts which are listed in the latest revision of NASA's Standard Parts List (MIL-STD-975) or Goddard Space Flight Center's Preferred Parts List (PPL-XX).
- Vendor shall produce parts which meet the requirements for listing in the above documents.
- Vendor shall be listed on the current Qualified Products List (QPL) for the part specification.
- Vendor shall not have a history of recent or unresolved failures/GIDEP Alerts which could affect the suitability of their parts for space flight applications.
- Vendor shall have a history of satisfactory usage in NASA space flight programs.

Note: The information contained herein is subject to change at any time. Consult the latest QPL for details.

Passive Part Supplier Assessment Program (PSAP)

Criteria for Listing a Vendor in Part II of the PSAP CSL

Part II of the PSAP CSL will be published at a later date. Part II will include passive part suppliers who are not necessarily QPL-certified, but who satisfy the following criteria:

- Vendors whose product lines have been certified by the Defense Electronics Supply Center (DESC) (i.e., listed as a “suggested source” on a DESC drawing) and whose products have been used for space flight applications.
- Vendors who have compiled a satisfactory history of supplying high reliability parts which are currently procured through contractor (or OEM) Source Control Drawings (SCD).
- Vendors who manufacture parts to NASA specifications.
- Vendors who are certified and qualified by the European Space Agency (ESA) or by the National Space Development Agency of Japan (NASDA) to provide parts to ESA/SCC or NASDA specifications.

Please Send Comments, Questions or Corrections to:

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Note: The information contained herein is subject to change at any time. Consult the latest QPL for details.

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