

Specification Details:

Specification: MIL-P-50884
 Title: Printed Wiring, Flexible and Rigid-Flex
 Federal Supply Class (FSC): 5998
 Conventional: Yes
 Specification contains quality assurance program: No
 MIL-STD-790 Established Reliability & High Reliability: No
 MIL-STD-690 Failure Rate Sampling Plans & Procedures: No
 Weibull Graded: No
 Specification contains space level reliability requirements: No
 Specification allows test optimization: No

Contact Information:

Office of Primary Involvement: Electronic Devices Branch, DLA Land and Maritime - VQE
 Primary Qualifying Activity Contact: 614-692-0627, e-mail: vqe.ls@dla.mil
 Secondary Qualifying Activity Contact: 614-692-0625, e-mail: vqe.rp@dla.mil

Notes:

Effective 28 February 1999, MIL-P-50884 has been declared "Inactive for New Design". For new design, use MIL-PRF-31032. This is applicable on all acquisitions to which MIL-P-50884 is applied.

Extent of Qualification Paragraph 4.5.3 of MIL-P-50884 extends qualification for a particular type to cover all conductor patterns of that type produced. Qualification of type 4 products shall be extended to cover all other types. Qualification of type 3 products shall be extended to cover types 2 and 1. Qualification of type 2 products shall be extended to cover type 1. Qualification of types 1 and 5 shall apply only to that type. Qualification of any type shall be extended to cover the approved type with a stiffener or solder mask.

- a. The last six digits of the Qualification Reference Number (QRN) is the qualification expiration date in "mmddyy" format (e.g., 50884-1234-042211 expires on April 22, 2011).
- b. An asterisk (*) adjacent to the QRN denotes the product was tested for and meets the etchback requirements.
- c. An exclamation (!) adjacent to the QRN denotes qualification through Appendix B of MIL-P-50884. There is no qualification expiration date. See QML-31032 for detailed information about this company's capabilities.
- d. A pound sign (#) adjacent to the QRN denotes that the qualification vehicle was built using foil lamination technology. The specimen was tested for and meets peel strength requirements.
- e. Adhesiveless products tested and manufactured with metal-clad dielectric are covered under slash sheet(s) other than /1 through /4 of IPC-4204.

Part Configuration:

Listed by classification type and either adhesive or adhesiveless construction.

J

PART LISTINGS

SUPPLIER'S NAME (ADDRESS ON LAST PAGE)	QUALIFICATION REFERENCE NUMBER AND EXPIRATION DATE (MM/DD/YY)	SUPPLIER'S NAME (ADDRESS ON LAST PAGE)	QUALIFICATION REFERENCE NUMBER AND EXPIRATION DATE (MM/DD/YY)
TYPE 2 WITH ADHESIVES		TYPE 4 ADHESIVELESS	
Hans Brockstedt GmbH	50884-31032!	Amphenol Printed Circuits	50884-31032!*
TYPE 3 ADHESIVELESS		Cirexx International, Inc.	50884-31032!##
All Flex, Inc.	50884-31032!	Cirtech, Inc.	50884-31032!
Compunetics Inc.	50884-31032!*	Coast to Coast Circuits, Inc.	50884-31032!##
TYPE 3 WITH ADHESIVES		Firan Technology Group Circuits	50884-31032! (Use A Only)
All Flex, Inc.	50884-31032!	FTG Circuits Inc. - Chatsworth	50884-31032!* (Use A Only)
Amphenol Printed Circuits	50884-31032!*	Hamby Corporation	50884-31032!##
Lockheed Martin Mission Systems and Training	50884-31032!*	Hans Brockstedt GmbH	50884-31032!##
TYPE 4 ADHESIVELESS		KCA Electronics, Inc	50884-31032!## (Use A Only)
Airborn Flexible Circuits, Inc.	50884-31032*##	Lockheed Martin Mission Systems and Training	50884-31032!*
American Standard Circuits	50884-31032!## (Use A Only)		

PART LISTINGS

SUPPLIER'S NAME (ADDRESS ON LAST PAGE)	QUALIFICATION REFERENCE NUMBER AND EXPIRATION DATE (MM/DD/YY)	SUPPLIER'S NAME (ADDRESS ON LAST PAGE)	QUALIFICATION REFERENCE NUMBER AND EXPIRATION DATE (MM/DD/YY)
---	---	---	---

TYPE 4 ADHESIVELESS

Micropack Limited	50884-31032*
Midwest Printed Circuit Services	50884-31032!
Pioneer Circuits, Inc.	50884-31032!#
TTM Technologies, Inc. (Forest Grove)	50884-31032!*
TTM Technologies, Inc. (North Jackson)	50884-31032!*
TTM Technologies, Inc. (Santa Clara)	50884-31032!*
TTM Technologies, Inc. (Stafford)	50884-31032!*

TYPE 4 WITH ADHESIVES

Airborn Flexible Circuits, Inc.	50884-31032*
Cirexx International, Inc.	50884-31032!*
Colonial Circuits, Inc.	50884-31032!* (Use A Only)
FTG Circuits Inc. - Chatsworth	50884-31032!* (Use A Only)
Hamby Corporation	50884-31032!#
Pioneer Circuits, Inc.	50884-31032!#
TTM Technologies, Inc. (North Jackson)	50884-31032!*
TTM Technologies, Inc. (Santa Clara)	50884-31032!*
TTM Technologies, Inc. (Stafford)	50884-31032!*

Manufacturer and Supplier Location Information

Manufacturer: Airborn Flexible Circuits, Inc. (CAGE Code: 38661)

Location: 11 Dohme Avenue, Toronto, M4B 1Y7, Ontario, Canada

Plants:

1. Plant: Same Address as Manufacturer

Manufacturer: All Flex, Inc. (CAGE Code: 0ZGB2)

Location: 1705 Cannon Lane, Northfield, MN 55057-3605, USA

Manufacturer: American Standard Circuits (CAGE Code: 4AA34)

Location: 475 Industrial Drive, West Chicago, IL 60185, US

Plants:

1. Plant: Same Address as Manufacturer

Manufacturer: Amphenol Printed Circuits (CAGE Code: 57034)

Location: 91 Northeastern Boulevard, Nashua, NH 03062, US

Plants:

1. Plant: Same Address as Manufacturer

Manufacturer: Cirexx International, Inc. (CAGE Code: 4MEG7)

Location: 791 Nuttman Street, Santa Clara, CA 95054, US

Plants:

1. Plant: Same Address as Manufacturer

Manufacturer: Cirtech, Inc. (CAGE Code: 8K616)

Location: 250 E. Emerson Ave., Orange, CA 92865-3303,

Plants:

1. Plant: Same Address as Manufacturer

Manufacturer: Coast to Coast Circuits, Inc. (CAGE Code: 66982)

Location: 5331 McFadden Avenue, Huntington Beach, CA 92649-1204, US

Plants:

1. Plant: Same Address as Manufacturer

Manufacturer: Compunetics, Inc. (CAGE Code: 30598)

Location: 700 Seco Road, Monroeville, PA 15146, US

Assembly Plants:

1. AssemblyPlant: Same Address as Manufacturer

Plants:

1. Plant: Same Address as Manufacturer

Manufacturer: Firan Technology Group (CAGE Code: L2665)

Location: 250 Finchdene Square, Scarborough, M1X 1A5, Ontario, Canada

Plants:

1. Plant: Same Address as Manufacturer

Manufacturer: FTG Circuits Fredericksburg Inc. (CAGE Code: 6T499)

Location: 1026 Warrenton Road, Fredericksburg, VA 22406-6200, US

Plants:

1. Plant: Same Address as Manufacturer

Manufacturer: FTG Circuits Inc. - Chatsworth (CAGE Code: 30803)

Location: 20750 Marilla Street, Chatsworth, CA 91311, US

Plants:

1. Plant: Same Address as Manufacturer

Manufacturer: Hamby Corporation (CAGE Code: 07284)

Location: 27704 Avenue Scott, Valencia, CA 91355-1218, US

Plants:

1. Plant: Same Address as Manufacturer

Manufacturer: Hans Brockstedt GmbH (CAGE Code: C4831)

Location: Lieterplattenschnelldienst, Clara-Immerwahr-Strabe 7, 24145 Kiel, Germany

Manufacturer and Supplier Location Information

Manufacturer: Hans Brockstedt GmbH (CAGE Code: C4831)

Location: Lieterplattenschnelldienst, Clara-Immerwahr-Strabe 7, 24145 Kiel, Germany

Plants:

1. Plant: Same Address as Manufacturer

Manufacturer: KCA Electronics, Inc. (CAGE Code: 1VUH8)

Location: 223 N. Crescent Way, Anaheim, CA 92801, US

Plants:

1. Plant: Same Address as Manufacturer

Manufacturer: Lockheed Martin Mission Systems & Training (CAGE Code: 03640)

Location: 1801 State Route 17C, Owego, NY 13827, US

Plants:

1. Plant: Same Address as Manufacturer

Manufacturer: Micropack Limited (CAGE Code: SAL28)

Location: Plot#16, Jigani Industrial Area,, Bangalore, 562106, India

Plants:

1. Plant: Same Address as Manufacturer

Manufacturer: Midwest Printed Circuit Services (CAGE Code: 0YYS4)

Location: 1741 Circuit Drive, Round Lake Beach, IL 60073, US

Plants:

1. Plant: Same Address as Manufacturer

Manufacturer: Pioneer Circuits, Inc. (CAGE Code: 65723)

Location: 3000 S. Shannon Street, Santa Ana, CA 92704-6321, US

Plants:

1. Plant: Same Address as Manufacturer

Manufacturer: Streamline Circuits (CAGE Code: 3WUY3)

Location: 1410 Martin Ave., Santa Clara, CA 95050, US

Plants:

1. Plant: Same Address as Manufacturer

Manufacturer: TTM Technologies, Inc. (Forest Grove) (CAGE Code: 01KV9)

Location: 1521 Poplar Lane, Forest Grove, OR 97116-2033,

Plants:

1. Plant: Same Address as Manufacturer

Manufacturer: TTM Technologies, Inc. (North Jackson) (CAGE Code: 0GN71)

Location: North Jackson Division, P.O. Box 216, 12080 DeBartolo Drive, North Jackson, OH 44451, US

Plants:

1. Plant: Same Address as Manufacturer

Manufacturer: TTM Technologies, Inc. (Santa Clara) (CAGE Code: 65916)

Location: Santa Clara Division, 407 Mathew Street, Santa Clara, CA 95050, US

Plants:

1. Plant: Same Address as Manufacturer

Manufacturer: TTM Technologies, Inc. (Stafford) (CAGE Code: 5L706)

Location: Stafford Division, P.O. Box 145, 4 Old Monson Road, Stafford, CT 06075, US

Plants:

1. Plant: Same Address as Manufacturer