

Specification Details:

Date: 6/16/2010

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:

DSCC Office of Primary Involvement: Electronic Devices Branch, DSCC-VQE

Primary DSCC-VQ Contact: 614-692-0627, e-mail: vqe.ls@dla.mil

Secondary DSCC-VQ Contact: 614-692-0631, e-mail: vqe.bw@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.

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 ADHESIVELESS		TYPE 4 ADHESIVELESS	
All Flex, Inc.	(Class A only); 50884-2335-012912	Cirtech, Inc.	50884-2141-090811*
Cirexx International, Inc.	55110-31032!*#	Coretec-Cleveland	50884-31032!*
		Cosmotronic	50884-31032!*
		DDi North Jackson Corp.	50884-31032!*
		Dynaco Corp	50884-31032*#
		Eltek, Ltd.	50884-IL0609-061113
		Flexible Circuits, Inc.	50884-2504-091612*
		Graphic Plc	50884-U031-051912#
		Graphic Research, Inc.	50884-1797-112009*
		Hamby Corporation	50884-31032!*
		Hans Brockstedt GmbH	50884-31032!*
		HEI, Inc.	50884-2704-030513#
		Johns Hopkins University	50884-1733-021410
		KCA Electronics, Inc.	50884-2650-012013* (Class A Only)
TYPE 2 WITH ADHESIVES			
All Flex, Inc.	50884-2602-080712		
Cirexx International, Inc.	55110-31032!*#		
RACAAR Circuit Industries, Inc.	50884-2498-052012		
TYPE 3 WITH ADHESIVES			
Amphenol Printed Circuits	50884-31032!*		
TYPE 4 ADHESIVELESS			
Accurate Engineering Corp.	50884-2071-031411*#		
Amphenol Printed Circuits	50884-31032!*		
Basic Electronics, Inc.	50884-2528-111212*		
CIMULEC	50884-F1653-122109		

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			
Lockheed Martin Systems Integration	50884-31032!*		
Melta, Ltd.	50884-IL02-092610		
Molex, Inc.	50884-1734-060810*		
Moog Components Group Galax	50884-2766-051113		
North Texas Circuit Board	50884-1645-010310*		
PCB Technologies, Ltd.	50884-IL0209-040613*		
Pioneer Circuits, Inc.	50884-31032*##		
Printca ApS	50884-2439-012712		
Printed Circuits, Inc.	50884-31032!*		
Speedy Circuits	50884-50884-31032!*##		
Teledyne Printed Circuit Technology	50884-2406-031312* (Class A only)		
Time Sensitive Circuits	50884-31032!* (Class A Only)		
TTM Technologies (Santa Clara, CA)	50884-31032!*		
TTM Technologies (Stafford, CT)	50884-31032!*		
Vulcan Flex Circuit Corporation	50884-2382-010712*		
TYPE 4 WITH ADHESIVES			
Basic Electronics, Inc.	50884-1725-061309*		
Colonial Circuits, Inc.	50884-31032!*		
Coretec-Cleveland	50884-31032!*		
Cosmotronic	50884-31032!*		
DDi North Jackson Corp.	50884-31032!*		
Dynaco Corp	50884-31032*##		
Flexible Circuits, Inc.	50884-2157-040211*		
Graphic Research, Inc.	50884-2169-051611*		
Hamby Corporation	50884-31032!*##		
Hans Brockstedt GmbH	50884-31032!*		
Lockheed Martin Systems Integration	50884-31032!*		
Midwest Pined Circuit Services	50884-2425-020412*		
Pioneer Circuits, Inc.	50884-31032*##		
Printed Circuits, Inc.	50884-31032!*		
Strataflex Corp.	50884-31032!*		
Teledyne Printed Circuit Technology	50884-2405-031312* (Class A only)		
TTM Technologies (Santa Clara, CA)	50884-31032!*		
TTM Technologies (Stafford, CT)	50884-31032!*		
Vulcan Flex Circuit Corporation	50884-2288-082811*		
TYPES 1 & 5 ONLY WITH ADHESIVES			
LaBarge Electronics, Inc.	50884-1766-120609		

Manufacturer and Supplier Location Information

Manufacturer: Accurate Engineering Corp. (CAGE Code: 1W538)

Location: 8710 Telfair Avenue, Sun Valley, CA 91352, US

Plants:

1. Same Address as Manufacturer

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

Location: All Flex Acquisitions LLC dba All Flex, Inc., 1705 Cannon Lane, Northfield, MN 55057, US

Plants:

1. Same Address as Manufacturer

Manufacturer: Amphenol Printed Circuits (CAGE Code: 57034)

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

Plants:

1. Same Address as Manufacturer

Manufacturer: Basic Electronics, Inc. (CAGE Code: 57357)

Location: 11371 Monarch Street, Garden Grove, CA 92841, US

Plants:

1. Same Address as Manufacturer

Manufacturer: CIMULEC (CAGE Code: 0YWU1)

Location: Zone Industrielle Les Jonquires, F-57365 Ennery, France

Plants:

1. Same Address as Manufacturer

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

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

Plants:

1. Same Address as Manufacturer

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

Location: 250 East Emerson Avenue, Orange, CA 92665, US

Plants:

1. Same Address as Manufacturer

Manufacturer: Colonial Circuits, Inc. (CAGE Code: 6T499)

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

Plants:

1. Same Address as Manufacturer

Manufacturer: Coretec-Cleveland (CAGE Code: 7Z463)

Location: 7 Ascot Parkway, Cuyahoga Falls, OH 44223, US

Plants:

1. Same Address as Manufacturer

Manufacturer: Cosmotronic, Inc. (CAGE Code: 63695)

Location: 16721 Noyes Avenue, Irvine, CA 92606-5176, US

Plants:

1. Same Address as Manufacturer

Manufacturer: DDi North Jackson Corp. (CAGE Code: 0GN71)

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

Plants:

1. Same Address as Manufacturer

Manufacturer: Dynaco Corp. (CAGE Code: 61642)

Location: 1000 South Priest Drive, Tempe, AZ 85281-5238, US

Plants:

1. Same Address as Manufacturer

Manufacturer: Eltek, Ltd. (CAGE Code: S4451)

Location: P.O. Box 159, Sgoola Industrial Park, Petach-Tikva 49101, Israel

Plants:

1. Same Address as Manufacturer

Manufacturer and Supplier Location Information

Manufacturer: Flexible Circuits, Inc. (CAGE Code: 22928)

Location: 222 Valley Road, Warrington, PA 18976-2580, US

Plants:

1. Same Address as Manufacturer

Manufacturer: Graphic Plc (CAGE Code: U4538)

Location: Lords Meadow Industrial Estate, Crediton, Devon, EX17 1HN, UK

Plants:

1. Same Address as Manufacturer

Manufacturer: Graphic Research, Inc. (CAGE Code: 5K529)

Location: 9334 Mason Avenue, Chatsworth, CA 91311-5201, US

Plants:

1. Same Address as Manufacturer

Manufacturer: Hamby Corporation (CAGE Code: 07284)

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

Plants:

1. Same Address as Manufacturer

Manufacturer: Hans Brockstedt GmbH (CAGE Code: C4831)

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

Plants:

1. Same Address as Manufacturer

Manufacturer: HEI, Inc. (CAGE Code: 5A0C8)

Location: High Density Interconnect Division, 610 South Rockford Drive, Tempe, AZ 85281, US

Plants:

1. Same Address as Manufacturer

Manufacturer: Johns Hopkins University (CAGE Code: 88898)

Location: Applied Physics Laboratory (APL), 11100 Johns Hopkins Road, Laurel, MD 20723-6099, US

Plants:

1. Same Address as Manufacturer

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

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

Plants:

1. Same Address as Manufacturer

Manufacturer: LaBarge Electronics, Inc. (CAGE Code: 16275)

Location: 1505 Maiden Lane, Joplin, MO 64802, US

Plants:

1. Same Address as Manufacturer

Manufacturer: Lockheed Martin Systems Integration (CAGE Code: 03640)

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

Plants:

1. Same Address as Manufacturer

Manufacturer: Melta, Ltd. (CAGE Code: S8986)

Location: P.O. Box 609, 3 Haul Street, Nazareth, Illit 17000, Israel

Plants:

1. Same Address as Manufacturer

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

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

Plants:

1. Same Address as Manufacturer

Manufacturer: Molex, Inc. (CAGE Code: 58852)

Location: Copper Flex Products, 22 Empire Drive, St. Paul, MN 55103, US

Plants:

1. Same Address as Manufacturer

Manufacturer and Supplier Location Information

Manufacturer: Moog Components Group Galax (CAGE Code: 1VDA7)

Location: 115 Jack Guynn Drive, Galax, VA 24333, US

Plants:

1. Same Address as Manufacturer

Manufacturer: North Texas Circuit Board (CAGE Code: 5S424)

Location: 1501 W. Shady Grove Road, Grand Prairie, TX 75050, US

Plants:

1. Same Address as Manufacturer

Manufacturer: PCB Technologies, Ltd. (CAGE Code: S5725)

Location: P.O. Box 631, Migdal, Haemek, 10556, Israel

Plants:

1. Same Address as Manufacturer

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

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

Plants:

1. Same Address as Manufacturer

Manufacturer: Printca ApS (CAGE Code: R2180)

Location: Svendborgvej 3, 9220 Aalborg Oest, Denmark

Plants:

1. Same Address as Manufacturer

Manufacturer: Printed Circuits, Inc. (CAGE Code: 65114)

Location: 1200 West 96th Street, Bloomington, MN 55431-2606, US

Plants:

1. Same Address as Manufacturer

Manufacturer: RACAAR Circuit Industries, Inc. (CAGE Code: 58521)

Location: 9225-F Alabama Avenue, Chatsworth, CA 91311, US

Plants:

1. Same Address as Manufacturer

Manufacturer: Speedy Circuits, Inc. (CAGE Code: 66982)

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

Plants:

1. Same Address as Manufacturer

Manufacturer: Strataflex Corp. (CAGE Code: 65337)

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

Plants:

1. Same Address as Manufacturer

Manufacturer: Teledyne Printed Circuit Technology (CAGE Code: 22958)

Location: 110 Lowell Road, Hudson, NH 03051, US

Plants:

1. Same Address as Manufacturer

Manufacturer: Time Sensitive Circuits, Inc. (CAGE Code: 0BX48)

Location: 2 Industrial Way, Amesbury, MA 01913, US

Plants:

1. Same Address as Manufacturer

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

Location: Santa Clara Division, 400 Mathew Street, Santa Clara, CA 95050, US

Plants:

1. Same Address as Manufacturer

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

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

Plants:

1. Same Address as Manufacturer

Manufacturer and Supplier Location Information

Manufacturer: Vulcan Flex Circuit Corporation (CAGE Code: 4CHZ1)

Location: 2 Industrial Drive, Hudson, NH 03051-3913, US

Plants:

1. Same Address as Manufacturer