

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:

DSCC Office of Primary Involvement: Electronic Devices Team, 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 "mmddy" 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	Cosmotronic	50884-31032!*
Cirexx International, Inc.	55110-31032!*	Dynaco Corp	50884-31032*#
TYPE 2 WITH ADHESIVES		Eltek, Ltd.	50884-IL002-110709
All Flex, Inc.	50884-2602-080712	Flexible Circuits, Inc.	50884-2504-091612*
Cirexx International, Inc.	55110-31032!*	FTG Circuits, Inc.	50884-2283-043012*
RACAAR Circuit Industries, Inc.	50884-2498-052012	GPV Printca A/S	50884-2439-012712
TYPE 4 ADHESIVELESS		Graphic Plc	50884-U031-051912#
Accurate Engineering Corp.	50884-2071-031411*#	Graphic Research, Inc.	50884-1797-112009*
Amphenol Printed Circuits	50884-1871-032010*#	Hamby Corporation	50884-31032!*
Basic Electronics, Inc.	50884-1726-061309*	Hans Brockstedt GmbH	50884-31032!*
CIMULEC	50884-F1653-122109	Johns Hopkins University	50884-1733-021410
Cirtech, Inc.	50884-2141-090811*	KCA Electronics, Inc.	50884-1777-112809*
Coretec-Cleveland	50884-31032!*	Lenthor Engineering, Inc.	50884-2083-051311*
		Lockheed Martin Systems Integration	50884-31032!*

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)
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TYPE 4 ADHESIVELESS

Melita, Ltd.	50884-IL02-092610
Molex, Inc.	50884-1734-060810*
North Texas Circuit Board	50884-1645-010310*
PCB Technologies	50884-IL002-082709*
Pioneer Circuits, Inc.	50884-1821-022110*
Printed Circuits, Inc.	50884-31032!*
Sovereign 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

Amphenol Printed Circuits	50884-1427-120708*#
Basic Electronics, Inc.	50884-1725-061309*
Colonial Circuits, Inc.	50884-31032!*
Coretec-Cleveland	50884-31032!*
Cosmotronic	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!*
Johns Hopkins University	50884-1733-021410
Lockheed Martin Systems Integration	50884-31032!*
Midwest Pined Circuit Services	50884-2425-020412*
Pioneer Circuits, Inc.	50884-1820-022110*
Printed Circuits, Inc.	50884-31032!*
Sovereign 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
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Manufacturer and Supplier Location Information

Manufacturer: A & C Electronics (CAGE Code: 65812)

Location: 18153 Napa Street, Northridge, CA 91325, US

Plants:

1. Same Address as Manufacturer

Manufacturer: Accurate Circuit Engineering (CAGE Code: 0MNN9)

Location: 3019 S. Kilson Drive, Santa Ana, CA 92707, US

Plants:

1. Same Address as Manufacturer

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

Location: 8710 TelFair Avenue, Sun Valley, CA 91352-2530, US

Plants:

1. Same Address as Manufacturer

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

Location: RF Division, 475 Industrial Drive, West Chicago, IL 60185, 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: Aselsan Military Electronics Industries, Inc. (CAGE Code: T4238)

Location: P.O. Box 101, 06172 Yenimahalle, Ankara, Turkey

Plants:

1. Aselsan Military Electronics Industries, Inc., Macunkoy, Ankara, Turkey

Manufacturer: Calumet Electronics Corp. (CAGE Code: 65337)

Location: 25830 Depot Street, Calumet, MI 49913-1985, US

Plants:

1. Same Address as Manufacturer

Manufacturer: Cidav Printed Circuits Ltd. (CAGE Code: S7069)

Location: P.O. Box 10191, Naharia, 22001, Israel

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

2. CIMULEC-CSI Sud Quest, CAGE Code: 0YWU1, 143 Chemin de Fenouillet, 31200 Toulouse, France

Manufacturer: Circuit Express, Inc. (CAGE Code: 0SX42)

Location: 229 S. Clark Drive, Tempe, AZ 85281-3073, US

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 E. Emerson Avenue, Orange, CA 92665, US

Plants:

1. Same Address as Manufacturer

Manufacturer and Supplier Location Information

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

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

Plants:

1. Same Address as Manufacturer

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

Location: 700 Seco Road, Monroeville, PA 15146-5176, US

Plants:

1. Same Address as Manufacturer

Manufacturer: Coretec, Inc. (CAGE Code: 3AF82)

Location: 8150 Sheppard Avenue East & 2020 Ellesmere, Scarborough, Ontario M1B 5K2, Canada

Plants:

1. Same Address as Manufacturer
2020 Ellesmere Road, Scarborough, Ontario, Canada M1H 2Z8

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

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

Plants:

1. Same Address as Manufacturer

Manufacturer: Coretec-Denver (CAGE Code: 75815)

Location: 10570 Bradford Road, Littleton, CO 80127-4211, US

Plants:

1. Same Address as Manufacturer

Manufacturer: Cosmotronic (CAGE Code: 63695)

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

Plants:

1. Same Address as Manufacturer

Manufacturer: Delta Circuit Technology, Inc. (CAGE Code: 8U401)

Location: 16028 Arminta Street, Van Nuys, CA 91406-1808, US

Plants:

1. Same Address as Manufacturer

Manufacturer: Diversified Systems, Inc. (CAGE Code: 5S706)

Location: 3939 West 56th Street, Indianapolis, IN 46254, US

Plants:

1. Same Address as Manufacturer

Manufacturer: Dynaco Corp (CAGE Code: 61642)

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

Plants:

1. Same Address as Manufacturer

Manufacturer: Dynamic & Proto Circuits, Inc. (CAGE Code: 38898)

Location: 869 Barton Street, Stoney Creek, On L8E 5G6, Canada

Plants:

1. Same Address as Manufacturer

Manufacturer: Dynamic Details, Inc. (Anaheim) (CAGE Code: 0BSG1)

Location: 1220 N. Simon Circle, Anaheim, CA 92806, US

Plants:

1. Same Address as Manufacturer

Manufacturer: Dynamic Details, Inc. (Dulles) (CAGE Code: 0K703)

Location: 1200 Severn, Dulles, VA 20166-8904, US

Plants:

1. Same Address as Manufacturer

Manufacturer and Supplier Location Information

Manufacturer: Dynamic Details, Inc. (Milpitas) (CAGE Code: 0SFV5)

Location: 1831 Tarob Court, Milpitas, CA 95035-6825, US

Plants:

1. Same Address as Manufacturer

Manufacturer: Electro Plate Circuitry, Inc. (CAGE Code: 79616)

Location: 1430 Century Drive, Carrollton, TX 75006, US

Plants:

1. Same Address as Manufacturer

Manufacturer: Electrotek Corp. (CAGE Code: 66030)

Location: 7745 S. 10th Street, Oak Creek, WI 53154, US

Plants:

1. Same Address as Manufacturer

Manufacturer: Elreha Printed Circuits Corp. (CAGE Code: 59020)

Location: 2510 Terminal Drive, S., St. Petersburg, FL 33712-1669, US

Plants:

1. Same Address as Manufacturer

Manufacturer: Eltek, Ltd (CAGE Code: S4451)

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

Plants:

1. Same Address as Manufacturer

Manufacturer: Endicott Interconnect Technologies, Inc. (CAGE Code: 3ECL3)

Location: 1701 North Street, Endicott, NY 13760-5553, US

Plants:

1. Same Address as Manufacturer

Manufacturer: Firan Technology Group (CAGE Code: L2665)

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

Plants:

1. Same Address as Manufacturer

Manufacturer: FTG Circuits (Chatsworth) (CAGE Code: 30803)

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

Plants:

1. Same Address as Manufacturer

Manufacturer: Global Innovations Corp. (CAGE Code: 04RV5)

Location: 901 Hensley Drive, Wylie, TX 75098-4909, US

Plants:

1. Same Address as Manufacturer

Manufacturer: GPV Printca A/S (CAGE Code: R2180)

Location: Svendborgvej 3, 9220 AalBorg Oest, Denmark

Plants:

1. Same Address as Manufacturer

Manufacturer: Graphic Plc (CAGE Code: U4538)

Location: Lords Meadow Industrial Estate, Crediton, Devon, EX17 IHN, England

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 Corp. (CAGE Code: 07284)

Location: 22704 Avenue Scott, Valencia, CA 91355, US

Plants:

1. Same Address as Manufacturer

Manufacturer and Supplier Location Information

Manufacturer: Hans Brockstedt GmbH (CAGE Code: C4831)

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

Plants:

1. Same Address as Manufacturer

Manufacturer: Holaday Circuits, Inc. (CAGE Code: 59554)

Location: 11126 Bren Road, W., Minnetonka, MN 55343, US

Plants:

1. Same Address as Manufacturer

Manufacturer: Hughes Circuits (CAGE Code: 1KXU6)

Location: 540 South Pacific Street, San Marcos, CA 92078-4056, US

Plants:

1. Same Address as Manufacturer

Manufacturer: Hunter Technology (CAGE Code: 55536)

Location: 2921 Corvin Drive, Santa Clara, CA 95051-0705, US

Plants:

1. Same Address as Manufacturer

Manufacturer: IMI, Inc. (CAGE Code: 78259)

Location: 140 Hilldale Avenue, Haverhill, MA 01830-3830, US

Plants:

1. Same Address as Manufacturer

Manufacturer: Integrated Technology, Ltd. (ITL) Circuits (CAGE Code: 38747)

Location: 90 Don Park Road, Markham, On L3R 1C4, Canada

Plants:

1. Same Address as Manufacturer

Manufacturer: Invotec Circuits Tamworth, Ltd. (CAGE Code: KF570)

Location: Hedging Lane, Dosthill, Tamworth, St B77 5HH, England

Plants:

1. Same Address as Manufacturer

Manufacturer: ISU Petasys Corp. (CAGE Code: 1WFH9)

Location: 12930 Bradley Avenue, Sylmar, CA 91342, 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: L-3 Communications Corporation (CAGE Code: 62939)

Location: Electro Fab Division, 960 River Road, Croydon, PA 19021, US

Plants:

1. Same Address as Manufacturer

Manufacturer: Lazer-Tech, Ltd. (CAGE Code: 38748)

Location: 33 Milford Drive, Unit 1, Scarborough, Ontario, Canada M1B 2G6

Plants:

1. Same Address as Manufacturer

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

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

Plants:

1. Same Address as Manufacturer

Manufacturer and Supplier Location Information

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: Merix Corp. (CAGE Code: 0MHG5)

Location: 355 Turtle Creek Court, San Jose, CA 95125-1316, US

Plants:

1. Same Address as Manufacturer

Manufacturer: Metaplast Circuits, Ltd. (CAGE Code: 3AD63)

Location: 180 Hymus Road, Scarborough, On M1L 2E1, Canada

Plants:

1. Same Address as Manufacturer

Manufacturer: Micom Circuits West (CAGE Code: 0KN48)

Location: 1609 West 17th Street, Tempe, AZ 85281-6227, US

Plants:

1. Same Address as Manufacturer

Manufacturer: Micom Corp. (CAGE Code: 34076)

Location: 475 NW Eighth Avenue, New Brighton, MN 55112, US

Plants:

1. Same Address as Manufacturer

Manufacturer: Micropack, Ltd. (CAGE Code: SAL28)

Location: Plot No. 16 Jigani Industrial Area, Anekal Taluk, Bangalore District 562 106, India

Plants:

1. Same Address as Manufacturer

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

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

Plants:

1. Same Address as Manufacturer

Manufacturer: Multilayer Technology-JVB Electronics (CAGE Code: 0JKV9)

Location: 3835 W. Conflans Road, Irving, TX 75061, 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: OK Print Corp. (CAGE Code: SDR40)

Location: 3-21-18 Higashi - Koigakubo, Kokubunji-Shi, Tokyo 185-0014, Japan

Plants:

1. Same Address as Manufacturer

Manufacturer: Ozark Circuits (CAGE Code: 41796)

Location: 933 W. Chase Street, Springfield, MO 65803, US

Plants:

1. Same Address as Manufacturer

Manufacturer: PCB Technologies (CAGE Code: S5725)

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

Plants:

1. Same Address as Manufacturer

Manufacturer: Philway Products, Inc. (CAGE Code: 21971)

Location: 701 Virginia Avenue, Ashland, OH 44805, US

Plants:

1. Same Address as Manufacturer