

Specification Details:

Specification: MIL-DTL-83517
 Title: Connectors, Coaxial, Radio Frequency for Coaxial, Strip or Microstrip Transmission Line
 Federal Supply Class (FSC): 5935
 Conventional: No
 Specification contains quality assurance program: No
 MIL-STD-790 Established Reliability & High Reliability: Yes
 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: Passive Devices Branch, DLA Land and Maritime - VQP
 Primary Qualifying Activity Contact: 614-692-2193, e-mail: vqp.st@dla.mil
 Secondary Qualifying Activity Contact: 614-692-2867, e-mail: vqp.ab@dla.mil

Notes:

N/A

Part Configuration:**M83517/1-31001**

Basic Specification	Specification Sheet Number	Material	Finish	Number from Specification
M83517	/1	-3	1	001

Part Listings:

GOVERNMENT DESIGNATION	MANUFACTURER'S DESIGNATION OR TYPE NUMBER	TEST OR QUALIFICATION REFERENCE	SUPPLIER'S (ADDRESS ON LAST PAGE)
M83517/1-31001	M83517/1-31001	83517-159-02; M83517/1-31002, 13 Mar 84	SV Microwave
M83517/1-31002	M83517/1-31002	83517-159-02; M83517/1-31002, 13 Mar 84	SV Microwave
M83517/1-31003	M83517/1-31003	83517-159-02; M83517/1-31002, 13 Mar 84	SV Microwave
M83517/1-31004	M83517/1-31004	83517-159-02; M83517/1-31002, 13 Mar 84	SV Microwave
M83517/1-32001	M83517/1-32001	83517-159-02; M83517/1-31002, 13 Mar 84	SV Microwave
M83517/1-32002	M83517/1-32002	83517-159-02; M83517/1-31002, 13 Mar 84	SV Microwave
M83517/1-32003	M83517/1-32003	83517-159-02; M83517/1-31002, 13 Mar 84	SV Microwave
M83517/1-32004	M83517/1-32004	83517-159-02; M83517/1-31002, 13 Mar 84	SV Microwave
M83517/1-31001	1052928-1	83517-9-02; 87-0001, 30 Mar 88	TE Connectivity/AMP, Inc.
M83517/1-31002	1052930-1	83517-9-02; 87-0001, 30 Mar 88	TE Connectivity/AMP, Inc.
M83517/1-31003	1052932-1	83517-9-02; 87-0001, 30 Mar 88	TE Connectivity/AMP, Inc.
M83517/1-31004	1052934-1	83517-9-02; 87-0001, 30 Mar 88	TE Connectivity/AMP, Inc.
M83517/1-32001	1052927-1	83517-9-02; 87-0001, 30 Mar 88	TE Connectivity/AMP, Inc.
M83517/1-32002	1052929-1	83517-9-02; 87-0001, 30 Mar 88	TE Connectivity/AMP, Inc.
M83517/1-32003	1052931-1	83517-9-02; 87-0001, 30 Mar 88	TE Connectivity/AMP, Inc.
M83517/1-32004	1052933-1	83517-9-02; 87-0001, 30 Mar 88	TE Connectivity/AMP, Inc.
M83517/2-31001	M83517/2-31001	83517-159-02; M83517/2-31004, 13 Mar 84	SV Microwave
M83517/2-31002	M83517/2-31002	83517-159-02; M83517/2-31004, 13 Mar 84	SV Microwave
M83517/2-31003	M83517/2-31003	83517-159-02; M83517/2-31004, 13 Mar 84	SV Microwave
M83517/2-31004	M83517/2-31004	83517-159-02; M83517/2-31004, 13 Mar 84	SV Microwave
M83517/2-32001	M83517/2-32001	83517-159-02; M83517/2-31004, 13 Mar 84	SV Microwave
M83517/2-32002	M83517/2-32002	83517-159-02; M83517/2-31004, 13 Mar 84	SV Microwave
M83517/2-32003	M83517/2-32003	83517-159-02; M83517/2-31004, 13 Mar 84	SV Microwave
M83517/2-32004	M83517/2-32004	83517-159-02; M83517/2-31004, 13 Mar 84	SV Microwave
M83517/2-33001	M83517/2-33001	83517-159-02; M83517/2-31004, 13 Mar 84	SV Microwave
M83517/2-33002	M83517/2-33002	83517-159-02; M83517/2-31004, 13 Mar 84	SV Microwave
M83517/2-33003	M83517/2-33003	83517-159-02; M83517/2-31004, 13 Mar 84	SV Microwave
M83517/2-33004	M83517/2-33004	83517-159-02; M83517/2-31004, 13 Mar 84	SV Microwave

GOVERNMENT DESIGNATION	MANUFACTURER'S DESIGNATION OR TYPE NUMBER	TEST OR QUALIFICATION REFERENCE	SUPPLIER'S (ADDRESS ON LAST PAGE)
M83517/2-31001	1052409-1	83517-9-02; 87-0001, 30 Mar 88	TE Connectivity/AMP, Inc.
M83517/2-31002	1052411-1	83517-9-02; 87-0001, 30 Mar 88	TE Connectivity/AMP, Inc.
M83517/2-31003	1052413-1	83517-9-02; 87-0001, 30 Mar 88	TE Connectivity/AMP, Inc.
M83517/2-31004	1052415-1	83517-9-02; 87-0001, 30 Mar 88	TE Connectivity/AMP, Inc.
M83517/2-32001	1052408-1	83517-9-02; 87-0001, 30 Mar 88	TE Connectivity/AMP, Inc.
M83517/2-32002	1052410-1	83517-9-02; 87-0001, 30 Mar 88	TE Connectivity/AMP, Inc.
M83517/2-32003	1052412-1	83517-9-02; 87-0001, 30 Mar 88	TE Connectivity/AMP, Inc.
M83517/2-32004	1052414-1	83517-9-02; 87-0001, 30 Mar 88	TE Connectivity/AMP, Inc.
M83517/3-31001	M83517/3-31001	83517-159-02; M83517/3-31004, 13 Mar 84	SV Microwave
M83517/3-31002	M83517/3-31002	83517-159-02; M83517/3-31004, 13 Mar 84	SV Microwave
M83517/3-31003	M83517/3-31003	83517-159-02; M83517/3-31004, 13 Mar 84	SV Microwave
M83517/3-31004	M83517/3-31004	83517-159-02; M83517/3-31004, 13 Mar 84	SV Microwave
M83517/3-31005	M83517/3-31005	83517-159-02; M83517/3-31004, 13 Mar 84	SV Microwave
M83517/3-31006	M83517/3-31006	83517-159-02; M83517/3-31004, 13 Mar 84	SV Microwave
M83517/3-31007	M83517/3-31007	83517-159-02; M83517/3-31004, 13 Mar 84	SV Microwave
M83517/3-32001	M83517/3-32001	83517-159-02; M83517/3-31004, 13 Mar 84	SV Microwave
M83517/3-32002	M83517/3-32002	83517-159-02; M83517/3-31004, 13 Mar 84	SV Microwave
M83517/3-32003	M83517/3-32003	83517-159-02; M83517/3-31004, 13 Mar 84	SV Microwave
M83517/3-32004	M83517/3-32004	83517-159-02; M83517/3-31004, 13 Mar 84	SV Microwave
M83517/3-32005	M83517/3-32005	83517-159-02; M83517/3-31004, 13 Mar 84	SV Microwave
M83517/3-32006	M83517/3-32006	83517-159-02; M83517/3-31004, 13 Mar 84	SV Microwave
M83517/3-32007	M83517/3-32007	83517-159-02; M83517/3-31004, 13 Mar 84	SV Microwave
M83517/3-33005	M83517/3-33005	83517-159-02; M83517/3-31004, 13 Mar 84	SV Microwave
M83517/3-33006	M83517/3-33006	83517-159-02; M83517/3-31004, 13 Mar 84	SV Microwave
M83517/3-33007	M83517/3-33007	83517-159-02; M83517/3-31004, 13 Mar 84	SV Microwave
M83517/3-31001	1052936-1	83517-9-02; 87-0001, 30 Mar 88	TE Connectivity/AMP, Inc.
M83517/3-31002	1052938-1	83517-9-02; 87-0001, 30 Mar 88	TE Connectivity/AMP, Inc.
M83517/3-31003	1052940-1	83517-9-02; 87-0001, 30 Mar 88	TE Connectivity/AMP, Inc.
M83517/3-31004	1052942-1	83517-9-02; 87-0001, 30 Mar 88	TE Connectivity/AMP, Inc.
M83517/3-31005	1052944-1	83517-9-02; 87-0001, 30 Mar 88	TE Connectivity/AMP, Inc.
M83517/3-31006	1052946-1	83517-9-02; 87-0001, 30 Mar 88	TE Connectivity/AMP, Inc.
M83517/3-31007	1052948-1	83517-9-02; 87-0001, 30 Mar 88	TE Connectivity/AMP, Inc.
M83517/3-32001	1052935-1	83517-9-02; 87-0001, 30 Mar 88	TE Connectivity/AMP, Inc.
M83517/3-32002	1052937-1	83517-9-02; 87-0001, 30 Mar 88	TE Connectivity/AMP, Inc.
M83517/3-32003	1052939-1	83517-9-02; 87-0001, 30 Mar 88	TE Connectivity/AMP, Inc.
M83517/3-32004	1052941-1	83517-9-02; 87-0001, 30 Mar 88	TE Connectivity/AMP, Inc.
M83517/3-32005	1052943-1	83517-9-02; 87-0001, 30 Mar 88	TE Connectivity/AMP, Inc.
M83517/3-32006	1052945-1	83517-9-02; 87-0001, 30 Mar 88	TE Connectivity/AMP, Inc.
M83517/3-32007	1052947-1	83517-9-02; 87-0001, 30 Mar 88	TE Connectivity/AMP, Inc.
M83517/4-31001	M83517/4-31001	83517-159-02; M83517/4-31004, 6 Jul 84; M83517/4-31005, 13 Mar 84	SV Microwave
M83517/4-31002	M83517/4-31002	83517-159-02; M83517/4-31004, 6 Jul 84; M83517/4-31005, 13 Mar 84	SV Microwave
M83517/4-31003	M83517/4-31003	83517-159-02; M83517/4-31004, 6 Jul 84; M83517/4-31005, 13 Mar 84	SV Microwave
M83517/4-31004	M83517/4-31004	83517-159-02; M83517/4-31004, 6 Jul 84; M83517/4-31005, 13 Mar 84	SV Microwave
M83517/4-31005	M83517/4-31005	83517-159-02; M83517/4-31004, 6 Jul 84; M83517/4-31005, 13 Mar 84	SV Microwave
M83517/4-32001	M83517/4-32001	83517-159-02; M83517/4-31004, 6 Jul 84; M83517/4-31005, 13 Mar 84	SV Microwave
M83517/4-32002	M83517/4-32002	83517-159-02; M83517/4-31004, 6 Jul 84; M83517/4-31005, 13 Mar 84	SV Microwave
M83517/4-32003	M83517/4-32003	83517-159-02; M83517/4-31004, 6 Jul 84; M83517/4-31005, 13 Mar 84	SV Microwave
M83517/4-32004	M83517/4-32004	83517-159-02; M83517/4-31004, 6 Jul 84; M83517/4-31005, 13 Mar 84	SV Microwave
M83517/4-32005	M83517/4-32005	83517-159-02; M83517/4-31004, 6 Jul 84; M83517/4-31005, 13 Mar 84	SV Microwave

GOVERNMENT DESIGNATION	MANUFACTURER'S DESIGNATION OR TYPE NUMBER	TEST OR QUALIFICATION REFERENCE	SUPPLIER'S (ADDRESS ON LAST PAGE)
M83517/4-31001	1052950-1	83517-9-02; 87-0001, 30 Mar 88	TE Connectivity/AMP, Inc.
M83517/4-31002	1052952-1	83517-9-02; 87-0001, 30 Mar 88	TE Connectivity/AMP, Inc.
M83517/4-31003	1052954-1	83517-9-02; 87-0001, 30 Mar 88	TE Connectivity/AMP, Inc.
M83517/4-31004	1052956-1	83517-9-02; 87-0001, 30 Mar 88	TE Connectivity/AMP, Inc.
M83517/4-31005	1052958-1	83517-9-02; 87-0001, 30 Mar 88	TE Connectivity/AMP, Inc.
M83517/4-32001	1052949-1	83517-9-02; 87-0001, 30 Mar 88	TE Connectivity/AMP, Inc.
M83517/4-32002	1052951-1	83517-9-02; 87-0001, 30 Mar 88	TE Connectivity/AMP, Inc.
M83517/4-32003	1052953-1	83517-9-02; 87-0001, 30 Mar 88	TE Connectivity/AMP, Inc.
M83517/4-32004	1052955-1	83517-9-02; 87-0001, 30 Mar 88	TE Connectivity/AMP, Inc.
M83517/4-32005	1052957-1	83517-9-02; 87-0001, 30 Mar 88	TE Connectivity/AMP, Inc.
M83517/5-31001	M83517/5-31001	83517-159-02; M83517/5, 13 Mar 84	SV Microwave
M83517/5-32001	M83517/5-32001	83517-159-02; M83517/5, 13 Mar 84	SV Microwave
M83517/5-33001	M83517/5-33001	83517-159-02; M83517/5, 13 Mar 84	SV Microwave
M83517/5-31001	1052417-1	83517-9-02; 87-0001, 30 Mar 88; M83517/4-31005, 13 Mar 84	TE Connectivity/AMP, Inc.
M83517/5-32001	1052416-1	83517-9-02; 87-0001, 30 Mar 88	TE Connectivity/AMP, Inc.
M83517/6-31001	M83517/6-31001	83517-159-02; M83517/6-32001, 13 Mar 84	SV Microwave
M83517/6-31002	M83517/6-31002	83517-159-02; M83517/6-32001, 13 Mar 84	SV Microwave
M83517/6-32001	M83517/6-32001	83517-159-02; M83517/6-32001, 13 Mar 84	SV Microwave
M83517/6-32002	M83517/6-32002	83517-159-02; M83517/6-32001, 13 Mar 84	SV Microwave
M83517/6-31001	1053423-1	83517-9-02; 87-0001, 30 Mar 88	TE Connectivity/AMP, Inc.
M83517/6-31002	1053425-1	83517-9-02; 87-0001, 30 Mar 88	TE Connectivity/AMP, Inc.
M83517/6-32001	1053422-1	83517-9-02; 87-0001, 30 Mar 88	TE Connectivity/AMP, Inc.
M83517/6-32002	1053424-1	83517-9-02; 87-0001, 30 Mar 88	TE Connectivity/AMP, Inc.
M83517/7-31001	M83517/7-31001	83517-159-02; M83517/7-32001, 4 Mar 84	SV Microwave
M83517/7-31002	M83517/7-31002	83517-159-02; M83517/7-32001, 4 Mar 84	SV Microwave
M83517/7-32001	M83517/7-32001	83517-159-02; M83517/7-32001, 4 Mar 84	SV Microwave
M83517/7-32002	M83517/7-32002	83517-159-02; M83517/7-32001, 4 Mar 84	SV Microwave
M83517/7-33001	M83517/7-33001	83517-159-02; M83517/7-32001, 4 Mar 84	SV Microwave
M83517/7-33002	M83517/7-33002	83517-159-02; M83517/7-32001, 4 Mar 84	SV Microwave
M83517/7-31001	1053429-1	83517-9-02; 87-0001, 30 Mar 88	TE Connectivity/AMP, Inc.
M83517/7-31002	1053431-1	83517-9-02; 87-0001, 30 Mar 88	TE Connectivity/AMP, Inc.
M83517/7-32001	1053428-1	83517-9-02; 87-0001, 30 Mar 88	TE Connectivity/AMP, Inc.
M83517/7-32002	1053430-1	83517-9-02; 87-0001, 30 Mar 88	TE Connectivity/AMP, Inc.
M83517/8-31001	M83517/8-31001	83517-159-02; M83517/8-32001, 4 Mar 84	SV Microwave
M83517/8-31002	M83517/8-31002	83517-159-02; M83517/8-32001, 4 Mar 84	SV Microwave
M83517/8-32001	M83517/8-32001	83517-159-02; M83517/8-32001, 4 Mar 84	SV Microwave
M83517/8-32002	M83517/8-32002	83517-159-02; M83517/8-32001, 4 Mar 84	SV Microwave
M83517/8-31001	1053451-1	83517-9-02; 87-0001, 30 Mar 88	TE Connectivity/AMP, Inc.
M83517/8-31002	1053453-1	83517-9-02; 87-0001, 30 Mar 88	TE Connectivity/AMP, Inc.
M83517/8-32001	1053450-1	83517-9-02; 87-0001, 30 Mar 88	TE Connectivity/AMP, Inc.
M83517/8-32002	1053452-1	83517-9-02; 87-0001, 30 Mar 88	TE Connectivity/AMP, Inc.
M83517/9-31001	M83517/9-31001	83517-159-02; M83517/9-31001, 13 Mar 84	SV Microwave
M83517/9-31002	M83517/9-31002	83517-159-02; M83517/9-31001, 13 Mar 84	SV Microwave
M83517/9-31003	M83517/9-31003	83517-159-02; M83517/9-31001, 13 Mar 84	SV Microwave
M83517/9-31004	M83517/9-31004	83517-159-02; M83517/9-31001, 13 Mar 84	SV Microwave
M83517/9-32001	M83517/9-32001	83517-159-02; M83517/9-31001, 13 Mar 84	SV Microwave
M83517/9-32002	M83517/9-32002	83517-159-02; M83517/9-31001, 13 Mar 84	SV Microwave
M83517/9-32003	M83517/9-32003	83517-159-02; M83517/9-31001, 13 Mar 84	SV Microwave
M83517/9-32004	M83517/9-32004	83517-159-02; M83517/9-31001, 13 Mar 84	SV Microwave
M83517/9-31001	1053476-1	83517-9-02; 87-0001, 30 Mar 88	TE Connectivity/AMP, Inc.
M83517/9-31002	1053478-1	83517-9-02; 87-0001, 30 Mar 88	TE Connectivity/AMP, Inc.
M83517/9-31003	1053480-1	83517-9-02; 87-0001, 30 Mar 88	TE Connectivity/AMP, Inc.
M83517/9-31004	1053482-1	83517-9-02; 87-0001, 30 Mar 88	TE Connectivity/AMP, Inc.

GOVERNMENT DESIGNATION	MANUFACTURER'S DESIGNATION OR TYPE NUMBER	TEST OR QUALIFICATION REFERENCE	SUPPLIER'S (ADDRESS ON LAST PAGE)
M83517/9-32001	1053475-1	83517-9-02; 87-0001, 30 Mar 88	TE Connectivity/AMP, Inc.
M83517/9-32002	1053477-1	83517-9-02; 87-0001, 30 Mar 88	TE Connectivity/AMP, Inc.
M83517/9-32003	1053479-1	83517-9-02; 87-0001, 30 Mar 88	TE Connectivity/AMP, Inc.
M83517/9-32004	1053481-1	83517-9-02; 87-0001, 30 Mar 88	TE Connectivity/AMP, Inc.
M83517/10-31001	1052959-1	83517-313-93; 83517-9-02	TE Connectivity/AMP, Inc.
M83517/10-31003	1052962-1	83517-313-93; 83517-9-02	TE Connectivity/AMP, Inc.
M83517/10-31005	1052963-1	83517-313-93; 83517-9-02	TE Connectivity/AMP, Inc.
M83517/10-31006	1484518-1	83517-313-93; 83517-9-02	TE Connectivity/AMP, Inc.
M83517/10-31015	1484519-1	83517-313-93; 83517-9-02	TE Connectivity/AMP, Inc.
M83517/10-31016	1484520-1	83517-313-93; 83517-9-02	TE Connectivity/AMP, Inc.
M83517/10-32001	1484521-1	83517-313-93; 83517-9-02	TE Connectivity/AMP, Inc.
M83517/10-32003	1052961-1	83517-313-93; 83517-9-02	TE Connectivity/AMP, Inc.
M83517/10-32005	1484522-1	83517-313-93; 83517-9-02	TE Connectivity/AMP, Inc.
M83517/10-32006	1484523-1	83517-313-93; 83517-9-02	TE Connectivity/AMP, Inc.
M83517/10-32015	1484524-1	83517-313-93; 83517-9-02	TE Connectivity/AMP, Inc.
M83517/10-32016	1484525-1	83517-313-93; 83517-9-02	TE Connectivity/AMP, Inc.

Manufacturer and Supplier Location Information

Manufacturer: SV Microwave, Inc. (CAGE Code: 95077)

Location: 2400 Centrepark West Drive, West Palm Beach, FL 33409-6469, US

Plants:

1. Same Address as Manufacturer

Manufacturer: TE Connectivity/AMP (CAGE Code: 2H631)

Location: 1250 E. Main Street, Mt. Joy, PA 17552-9503, US

Plants:

1. Same Address as Manufacturer
2. TE Connectivity/ AMP Amermex, CAGE Code: SUL03, Ave. Obrero Mundial No. 9 Parque Industrial Dynatech CP 83200, Hermosillo, Sonora, MX