

QUALIFICATIONS VALIDATED
ANNUALLY

QPL-27-135
7 June 1993
SUPERSEDING
QPL-27-134
8 April 1993

QUALIFIED PRODUCTS LIST

OF

FSC 5950

PRODUCTS QUALIFIED UNDER MILITARY SPECIFICATION

MIL-T-27

TRANSFORMER AND INDUCTOR (AUDIO, POWER, AND HIGH-POWER PULSE)

GENERAL SPECIFICATION FOR

This list has been prepared for use by or for the Government in the acquisition of products covered by Specification MIL-T-27. Listing of a product is not intended to and does not connote endorsement of the product by the Department of Defense. All products listed herein have been qualified under the requirements for the product as specified in the latest effective issue of the applicable specification. This list is subject to change without notice; revision or amendment of this list will be issued as necessary. The listing of a product does not release the supplier from compliance with the specification requirements.

THE ACTIVITY RESPONSIBLE FOR THIS QPL IS THE U.S. ARMY RESEARCH LABORATORY. The activity designated as agent for all contacts relative to this QPL is the Defense Electronics Supply Center (DESC-EQ), Dayton, OH 45444-5270.

GOVERNMENT DESIGNATION	MANUFACTURER'S DESIGNATION OR TYPE NUMBER	TEST OR QUALIFICATION REFERENCE	MANUFACTURER'S NAME (ADDRESS ON LAST PAGE)
M27/1-02	G03A25-PF0	27-18-93	Accusonics Products
M27/2-02	G03A26-PF0	27-19-93	Accusonics Products
M27/3-01A thru /11-01A	W-783 thru W-791	27-354-90	OPT Industries, Inc. (1)
M27/3-01B thru /11-01B	W-783-1B thru W-791-B	27-354-90	OPT Industries, Inc. (1)
M27/18-01	CC-51-P	27-358-86	Espey Mfg. & Electronics Corp.
M27/19-01	CC-101-P	27-359-86	Espey Mfg. & Electronics Corp.
M27/25-01	78001	27-297-75	Electronic Transformer Corp.
M27/26-01	TW-64143	27-506-74	Torwico Electronics, Inc.
M27/27-01	12621-01	27-169-90	Magnetico, Inc.
M27/29-01	RA-01-P	27-360-86	Espey Mfg. & Electronics Corp.
M27/30-01	RA-53-A	27-361-86	Espey Mfg. & Electronics Corp.
M27/33-01	58201	27-211-90	Electronic Transformer Corp.
M27/37-01 A, B thru /37-44 A, B	1.5ET6 or PT6 thru 1.5ET300 or PT300 (See Table II)	27-1561-86	Torotel Products, Inc.
M27/37-01 A, B thru /37-44 A, B	TW 1.5 A or P T (See Table I, Column A)	27-684-75 27-685-75	Torwico Electronics, Inc.
M27/37-01 A, B thru /37-44 A, B	10537-6A thru 10537-300A	27-367-90	Trans American Transformer, Inc.
M27/38-01 A, B thru /38-44 A, B	1.5ES-6 or P-S6 thru 1.5ES-300 or PS-300 (See Table II)	27-1240-82 27-1561-86 27-1562-86	Torotel Products, Inc.
M27/38-01 A, B thru /38-44 A, B	TW 1.5 A or P TS (See Table I, Column A)	27-686-75	Torwico Electronics, Inc.

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AMSC N/A

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DISTRIBUTION STATEMENT A. Approved for public release; distribution is unlimited.

GOVERNMENT DESIGNATION	MANUFACTURER'S DESIGNATION OR TYPE NUMBER	TEST OR QUALIFICATION REFERENCE	MANUFACTURER'S NAME (ADDRESS ON LAST PAGE)
M27/39-01 A, B thru /39-44 A, B	3ET-6 or PT-6 thru 3ET-300 or PT-300 (See Table II)	27-1240-82 27-1561-86 27-1562-86	Torotel Products, Inc.
M27/39-01 A, B thru 39-44 A, B	TW 3.0 A or P T (See Table I, Column A)	27-687-75	Torwico Electronics, Inc.
M27/40-01 A, B thru /40-44 A, B	3ES6 or 3PS6 thru 3ES300 or 3PS300 (See Table II)	27-1240-82 27-1561-86 27-1562-86	Torotel Products, Inc.
M27/40-01 A, B thru /40-44 A, B	TW 3.0 A or P TS (See Table I, Column A)	27-688-75 27-689-75	Torwico Electronics, Inc.
M27/41-01 A, B thru /41-44 A, B	6ET6 or 6PT6 thru 6ET300 or 6PT300 (See Table II)	27-1240-82 27-1561-86 27-1562-86	Torotel Products, Inc.
M27/41-01 A, B thru /41-44 A, B	TW 6.0 A or P T (See Table I, Column A)	27-690-75	Torwico Electronics, Inc.
M27/42-01 A, B thru /42-44 A, B	6ES6 or 6PS6 thru 6ES300 or 6PS300 (See Table II)	27-1562-86	Torotel Products, Inc.
M27/42-01 A, B thru /42-44 A, B	TW 6.0 A or P TS (See Table I, Column A)	27-691-75	Torwico Electronics, Inc.
M27/43-01 A, B thru /43-44 A, B	9ET6 or 9PT6 thru 9ET300 or 9PT300 (See Table II)	27-1240-82 27-1561-86 27-1562-86	Torotel Products, Inc.
M27/43-01 A, B thru /43-44 A, B	TW 9.0 A or P T (See Table I, Column A)	27-692-75	Torwico Electronics, Inc.
M27/44-01 A, B thru /44-44 A, B	16ET6 or 16PT6 thru 16ET300 or 16PT300 (See Table II)	27-1240-82 27-1561-86 27-1562-86	Torotel Products, Inc.
M27/44-01 A, B thru /44-44 A, B	TW 16 A or P T (See Table I, Column A)	27-693-75	Torwico Electronics, Inc.
M27/45-01 A, B thru /45-44 A, B	16ES6 or 16PS6 thru 16ES300 or 16PS300 (See Table II)	27-1240-82 27-1561-86 27-1562-86	Torotel Products, Inc.
M27/45-01 A, B thru /45-44 A, B	TW 16 A or P TS (See Table I, Column A)	27-694-75	Torwico Electronics, Inc.
M27/46-01 A, B thru /46-44 A, B	25ET6 or 25PT6 thru 25ET300 or 25PT300 (See Table II)	27-1240-82	Torotel Products, Inc.
M27/46-01 A, B thru /46-44 A, B	TW 25 A or P T (See Table I, Column A)	27-695-75	Torwico Electronics, Inc.
M27/47-01 A, B thru /47-44 A, B	25ES6 or 25PS6 thru 25ES300 or 25PS300 See Table II	27-1240-82 27-1561-86 27-1562-86	Torotel Products, Inc.
M27/47-01 A, B thru /47-44 A, B	TW 25 A or P TS (See Table I, Column A)	27-696-75	Torwico Electronics, Inc.
M27/48-01 A, B thru /48-44 A, B	TW 1.5 D or E T (See Table I, Column A)	27-661-75 27-662-75	Torwico Electronics, Inc.
M27/49-01 A, B thru /49-44 A, B	TW 1.5 D or E TS (See Table I, Column A)	27-663-75	Torwico Electronics, Inc.
M27/50-01 A, B thru /50-44 A, B	TW 3.0 D or E T (See Table I, Column A)	27-664-75	Torwico Electronics, Inc.

GOVERNMENT DESIGNATION	MANUFACTURER'S DESIGNATION OR TYPE NUMBER	TEST OR QUALIFICATION REFERENCE	MANUFACTURER'S NAME (ADDRESS ON LAST PAGE)
M27/51-01 A, B thru /51-44 A, B	TW 3.0 D or E TS (See Table I, Column A)	27-665-75 27-666-75	Torwico Electronics, Inc.
M27/52-01 A, B thru /52-44 A, B	TW 6.0 D or E T (See Table I, Column A)	27-667-75	Torwico Electronics, Inc.
M27/53-01 A, B thru /53-44 A, B	TW 6.0 D or E TS (See Table I, Column A)	27-668-75	Torwico Electronics, Inc.
M27/54-01 A, B thru /54-44 A, B	TW 9.0 D or E T (See Table I, Column A)	27-669-75	Torwico Electronics, Inc.
M27/55-01 thru -44	TW 16 F, T (See Table I, Column A)	27-670-75	Torwico Electronics, Inc.
M27/56-01 thru -44	TW 25 F, T (See Table I, Column A)	27-672-75 27-673-75	Torwico Electronics, Inc.
M27/57-01 thru -44	TW 50 G, T (See Table I, Column A)	27-675-75	Torwico Electronics, Inc.
M27/58-01 thru -38	TW 75 G, T (See Table I, Column B)	27-677-75	Torwico Electronics, Inc.
M27/59-01 thru -36	TW 100 H, T (See Table I, Column C)	27-679-75 27-680-75	Torwico Electronics, Inc.
M27/60-01 thru -27	TW 250 K, T (See Table I, Column D)	27-682-75	Torwico Electronics, Inc.
M27/61-01 thru -44	TW 16 F, TS (See Table I, Column A)	27-671-75	Torwico Electronics, Inc.
M27/62-01 thru -44	TW 25 F, TS (See Table I, Column A)	27-674-75	Torwico Electronics, Inc.
M27/63-01 thru -44	TW 50 G, TS (See Table I, Column A)	27-676-75 27-678-75	Torwico Electronics, Inc.
M27/64-01 thru -38	TW 75 G, TS (See Table I, Column B)	27-678-75	Torwico Electronics, Inc.
M27/65-01 thru -36	TW 100 H, TS (See Table I, Column C)	27-681-75	Torwico Electronics, Inc.
M27/66-01 thru -27	TW 250 K, TS (See Table I, Column D)	27-683-75	Torwico Electronics, Inc.
M27/76-01 M27/76-02 M27/76-03 M27/76-04 M27/76-05 M27/76-06 M27/76-07	DO-T297 DO-T288 DO-T283 DO-T278 DO-T277 DO-T275 DO-T255	27-335-90	OPT Industries, Inc. (1)
M27/79-01	EWG 3140	27-016-04	EWG, Inc.
M27/88-01	16814	27-568-91	Robert M. Hadley Co., Inc.
M27/96-01	546	27-127-76	Pico Electronics, Inc.
M27/97-01 & -02	C265 & C3375	27-635-79	Pico Electronics, Inc.
M27/103-01 M27/103-02 M27/103-03 M27/103-04 M27/103-05 M27/103-06 M27/103-07 M27/103-08 M27/103-09 M27/103-10 M27/103-11 M27/103-12 M27/103-13 M27/103-14 M27/103-15 M27/103-16	DI-T283 DI-T288 DI-T278 DI-T276 DI-T273 DI-T270 DI-T265 DI-T260 DI-T255 DI-T250 DI-T245 DI-T240 DI-T235 DI-T230 DI-T225 DI-T290	27-342-90	OPT Industries, Inc. (1)

GOVERNMENT DESIGNATION	MANUFACTURER'S DESIGNATION OR TYPE NUMBER	TEST OR QUALIFICATION REFERENCE	MANUFACTURER'S NAME (ADDRESS ON LAST PAGE)
M27/103-01	C3440	27-104-85	Pico Electronics, Inc.
M27/103-02	C3465		
M27/103-03	C3415		
M27/103-04	C3420		
M27/103-05	C3400		
M27/103-06	C3385		
M27/103-07	C3305		
M27/103-08	C3270		
M27/103-09	C3225		
M27/103-10	C3170		
M27/103-11	C3145		
M27/103-12	C3125		
M27/103-13	C3105		
M27/103-14	C3091		
M27/103-15	C3025		
M27/103-16	C3107		
M27/111-01	F10B	27-867-75	B. G. Laboratories, Inc.
M27/112-01	F10C	27-868-75	B. G. Laboratories, Inc.
M27/123-01	18028	27-664-76	Robert M. Hadley Co., Inc.
M27/134-01	6467(22558)	27-264-88	Coast Magnetics (1)
M27/134-01	6467(05254)	27-265-88	Coast Magnetics (2)
M27/137-01	WE-1204	27-250-90	WEMS Electronics
M27/140-01	P1597	27-792-77	Fernwood Transformer Co.
M27/141-01	1615	27-862-81	Fernwood Transformer Co.
M27/142-01	FE-.01	27-379-91	OPT Industries, Inc. (1)
M27/142-02	FE-.02		
M27/142-03	FE-.05		
M27/142-04	FE-.1		
M27/142-05	FE-.5		
M27/142-06	FE-1		
M27/142-07	FE-2		
M27/146-01	MS-1	27-356-90	OPT Industries, Inc. (1)
M27/146-02	MS-5		
M27/146-03	MS-10		
M27/146-04	MS-25		
M27/146-05	MS-50		
M27/146-06	MS-100		
M27/147-01 thru -10	MQB-1 thru MQB-10	27-241-88	OPT Industries, Inc. (1)
M27/153-01	H-131	27-350-90	OPT Industries, Inc. (1)
M27/154-01	H-141	27-351-90	OPT Industries, Inc. (1)
M27/155-01	H-142	27-352-90	OPT Industries, Inc. (1)
M27/156-01	H-925	27-113-91	OPT Industries, Inc. (1)
M27/157-01	H-935	27-360-90	OPT Industries, Inc. (1)
M27/160-01	H-107	27-238-88	OPT Industries, Inc. (1)
M27/161-01	MW-.05	27-364-90	OPT Industries, Inc. (1)
M27/161-02	MW-.10		
M27/161-03	MW-.25		
M27/161-04	MW-.50		
M27/161-05	MW-.75		
M27/161-06	MW-1.00		
M27/161-07	MW-1.20(SP)		
M27/161-08	MW-2.00(SP)		
M27/161-09	MW-3.00(SP)		
M27/161-10	MW-5.00(SP)		

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M27/162-01 thru -05	MQM-2 thru MQM-600	27-349-90	OPT Industries, Inc. (1)
M27/164-01 thru 11	ML-0 thru ML 10	27-363-90	OPT Industries, Inc. (1)
M27/165-01	SO-14P	27-545-90	OPT Industries, Inc. (1)
M27/165-02	SO-1P		
M27/165-03	SO-13P		
M27/165-04	SO-12P		
M27/165-05	SO-11P		
M27/165-06	SO-9P		
M27/165-07	SO-15P		
M27/165-08	SO-20P		
M27/165-09	SO-10P		
M27/165-10	SO-16P		
M27/165-11	SO-3P		
M27/165-12	SO-8P		
M27/165-13	SO-21P		
M27/165-14	SO-2P		
M27/165-15	SO-7P		
M27/165-16	SO-4P		
M27/165-17	SO-18P		
M27/165-18	SO-6P		
M27/166-01 thru -19	H-1 thru H-221	27-404-89	OPT Industries, Inc. (1)
M27/167-01	SSO-3P	27-140-88	OPT Industries, Inc. (1)
M27/167-02	SSO-1P		
M27/167-03	SSO-28P		
M27/167-04	SSO-29P		
M27/167-05	SSO-11P		
M27/167-06	SSO-30P		
M27/167-07	SSO-19P		
M27/167-08	SSO-31P		
M27/167-09	SSO-33P		
M27/167-10	SSO-35P		
M27/167-11	SSO-32P		
M27/167-12	SSO-37P		
M27/167-13	SSO-42P		
M27/167-14	SSO-12P		
M27/167-15	SSO-34P		
M27/167-16	SSO-16P		
M27/167-17	SSO-20P		
M27/167-18	SSO-27P		
M27/167-19	SSO-36P		
M27/167-20	SSO-10P		
M27/167-21	SSO-38P		
M27/167-22	SSO-9P		
M27/167-23	SSO-18P		
M27/167-24	SSO-39P		
M27/167-25	SSO-14P		
M27/167-26	SSO-17P		
M27/167-27	SSO-40P		
M27/167-28	SSO-8P		
M27/167-29	SSO-22P		
M27/167-30	SSO-25P		
M27/167-31	SSO-41P		
M27/167-32	SSO-2P		
M27/167-33	SSO-7P		
M27/167-34	SSO-15P		
M27/167-35	SSO-4P		
M27/167-36	SSO-26P		
M27/167-37	SSO-43P		
M27/167-38	SSO-6P		
M27/167-39	SSO-44P		
M27/167-40	SSO-13P		
M27/167-41	SSO-21P		
M27/167-42	SSO-45P		

GOVERNMENT DESIGNATION	MANUFACTURER'S DESIGNATION OR TYPE NUMBER	TEST OR QUALIFICATION REFERENCE	MANUFACTURER'S NAME (ADDRESS ON LAST PAGE)
M27/168-01	MO-.1	27-341-90	OPT Industries, Inc. (1)
M27/168-02	MO-.15		
M27/168-03	MO-.3		
M27/168-04	MO-.5		
M27/168-05	MO-1		
M27/168-06	MO-2		
M27/168-07	MO-5		
M27/168-08	MO-7.5		
M27/168-09	MO-20		
M27/168-10	MO-50		
M27/168-11	MO-100		
M27/171-01	H-164	27-343-90	OPT Industries, Inc. (1)
M27/172-01	DOT44	27-353-90 27-4-93	OPT Industries, Inc. (1, 3)
M27/172-02	DOT29		
M27/172-03	DOT12		
M27/172-04	DOT13		
M27/172-05	DOT19		
M27/172-06	DOT30		
M27/172-07	DOT43		
M27/172-08	DOT42		
M27/172-09	DOT41		
M27/172-10	DOT53		
M27/172-11	DOT2		
M27/172-12	DOT0		
M27/172-13	DOT4		
M27/172-14	DOT14		
M27/172-15	DOT31		
M27/172-16	DOT32		
M27/172-17	DOT15		
M27/172-18	DOT21		
M27/172-19	DOT3		
M27/172-20	DOT45		
M27/172-21	DOT16		
M27/172-22	DOT33		
M27/172-23	DOT5		
M27/172-24	DOT17		
M27/172-25	DOT22		
M27/172-26	DOT34		
M27/172-27	DOT51		
M27/172-28	DOT37		
M27/172-29	DOT18		
M27/172-30	DOT35		
M27/172-31	DOT6		
M27/172-32	DOT9		
M27/172-33	DOT10		
M27/172-34	DOT25		
M27/172-35	DOT38		
M27/172-36	DOT11		
M27/172-37	DOT36		
M27/172-38	DOT1		
M27/172-39	DOT23		
M27/172-40	DOT19		
M27/172-41	DOT40		
M27/172-42	DOT54		
M27/172-43	DOT7		
M27/172-44	DOT24		
M27/172-01	A1025	27-431-80	Pico Electronics, Inc.
M27/172-02	A1030		
M27/172-03	A1045		
M27/172-04	A1070		
M27/172-05	A1090		
M27/172-06	A1095		
M27/172-07	A1105		
M27/172-08	A1115		
M27/172-09	A1125		
M27/172-10	A1140		

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M27/172-11	A1150	27-431-80	Pico Electronics, Inc.
M27/172-12	A1165		(Continued)
M27/172-13	A1175		
M27/172-14	A1180		
M27/172-15	A1190		
M27/172-16	A1200		
M27/172-17	A1205		
M27/172-18	A1215		
M27/172-19	A1230		
M27/172-20	A1300		
M27/172-21	A1220		
M27/172-22	A1250		
M27/172-23	A1255		
M27/172-24	A1265		
M27/172-25	A1275		
M27/172-26	A1290		
M27/172-27	A1295		
M27/172-28	A1305		
M27/172-29	A1320		
M27/172-30	A1350		
M27/172-31	A1370		
M27/172-32	A1380		
M27/172-33	A1395		
M27/172-34	A1405		
M27/172-35	A1415		
M27/172-36	A1425		
M27/172-37	A1440		
M27/172-38	A1460		
M27/172-39	A1465		
M27/172-40	A1475		
M27/172-41	A1510		
M27/172-42	A1525		
M27/172-43	A1560		
M27/172-44	A1565		
M27/172-45	2937		
M27/172-46	A1315		
M27/172-47	A1360		
M27/172-48	A1365		
M27/172-49	A1550		
M27/172-50	2938		
M27/173-01	BIT-250-90	27-362-90	OPT Industries, Inc. (1)
M27/173-02	BIT-250-40		
M27/173-03	BIT-250-14		
M27/173-04	BIT-250-18		
M27/173-05	BIT-250-20		
M27/173-06	BIT-250-26		
M27/173-07	BIT-250-30		
M27/173-08	BIT-250-36		
M27/173-09	BIT-250-48		
M27/173-10	BIT-250-56		
M27/173-11	BIT-250-60		
M27/173-12	BIT-250-64		
M27/173-13	BIT-250-70		
M27/179-01	H-108	27-357-90	OPT Industries, Inc. (1)
M27/180-01	MET-430	27-344-90	OPT Industries, Inc. (1)
M27/184-01	H-915	27-348-90	OPT Industries, Inc. (1)
M27/185-01	H-295	27-359-90	OPT Industries, Inc. (1)
M27/205-01 thru -17	MQA-1 thru MQA-17	27-404-89	OPT Industries, Inc. (1)
M27/215-12	MT-27/215-12	27-216-91	Dale Electronics, Inc.
M27/227-01	41455	27-172-89	Coast Magnetics (1)

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M27/235-01 -02 -03 -04 -05	HIT-3 HIT-1 HIT-15 HIT-2 HIT-4	27-243-88	OPT Industries, Inc. (1)
M27/240-01 thru -08	MM-1 thru -8	27-338-90	OPT Industries, Inc. (1)
M27/241-01 thru -08	MH-1 thru -8	27-339-90	OPT Industries, Inc. (1)
M27/263-01	ASB992	27-366-90	OPT Industries, Inc. (1)
M27/268-01	TT11256	27-738-79	Titan Transformer Co.
M27/269-01	TT11257	27-739-79	Titan Transformer Co.
M27/277-01	814	27-740-79	Pico Electronics, Inc.
M27/286-01 M27/286-02 M27/286-03 M27/286-04 M27/286-05 M27/286-06 M27/286-07 M27/286-08	LL-120 LL-300 LL-500 LL-1200 LL-3000 LL-5000 LL-30 LL-50	27-361-90	OPT Industries, Inc. (1)
M27/286-01 thru -08	11161 thru 11168	27-250-90	Pico Electronics, Inc.
M27/287-01 thru -07	14796-01 thru -07	27-578-90	Magnetico, Inc.
M27/287-01 M27/287-02 M27/287-03 M27/287-04 M27/287-05 M27/287-06 M27/287-07	SRA-1250 SRA-800 SRA-500 SRA-350 SRA-200 SRA-88 SRA-32	27-336-90 27-388-90	OPT Industries, Inc., (1, 2)
M27/287-01 thru -07	11171 thru 11177	27-175-92	Pico Electronics, Inc.
M27/288-01 thru -09	14797-01 thru -09	27-170-90	Magnetico, Inc.
M27/288-01 M27/288-02 M27/288-03 M27/288-04 M27/288-05 M27/288-06 M27/288-07 M27/288-08 M27/288-09	SRB-3000 SRB-2000 SRB-1200 SRB-780 SRB-520 SRB-320 SRB-220 SRB-120 SRB-80	27-355-90	OPT Industries, Inc. (1)
M27/288-01 M27/288-02 M27/288-03 M27/288-04 M27/288-05 M27/288-06 M27/288-07 M27/288-08 M27/288-09	SRB-3000 SRB-2000 SRB-1200 SRB-780 SRB-520 SRB-320 SRB-220 SRB-120 SRB-80	27-389-90	OPT Industries, Inc. (2)
M27/288-01 thru -09	11181 thru 11189	27-176-92	Pico Electronics, Inc.

GOVERNMENT DESIGNATION	MANUFACTURER'S DESIGNATION OR TYPE NUMBER	TEST OR QUALIFICATION REFERENCE	MANUFACTURER'S NAME (ADDRESS ON LAST PAGE)
M27/289-01 thru -08	14798-01 thru -08	27-577-90	Magnetico, Inc.
M27/289-01	SRC-10000	27-337-90	OPT Industries, Inc. (1, 2)
M27/289-02	SRC-6400	27-390-90	
M27/289-03	SRC-2500		
M27/289-04	SRC-1600		
M27/289-05	SRC-1000		
M27/289-06	SRC-640		
M27/289-07	SRC-400		
M27/289-08	SRC-240		
M27/289 01 thru -08	11191 thru 11190	27-177-92	Pico Electronics, Inc.
M27/290-01	2715	27-431-80	Pico Electronics, Inc.
M27/300-01	N583A	27-347-90	OPT Industries, Inc. (1)
M27/300-02	N584A		
M27/300-03	N591A		
M27/300-04	N585A		
M27/300-05	N586A		
M27/300-06	N592A		
M27/300-07	N587A		
M27/300-08	N588A		
M27/300-09	N589A		
M27/300-10	N590A		
M27/300-07	WE-1214	27-444-75	WEMS Electronics
M27/311-01	16702	27-162-82	Robert M. Hadley Co., Inc.
M27/312-01	5P5CT	27-56-84	Abbott Technologies, Inc.
M27/312-02	5P6.3CT		
M27/312-03	5P8CT		
M27/312-04	5P10CT		
M27/312-05	5P12.6CT		
M27/312-06	5P14CT		
M27/312-07	5P16CT		
M27/312-08	5P18CT		
M27/312-09	5P20CT		
M27/312-10	5P22CT		
M27/312-11	5P25CT		
M27/312-12	5P28CT		
M27/312-13	5P31CT		
M27/312-14	5P35CT		
M27/312-15	5P39CT		
M27/312-16	5P43CT		
M27/312-17	5P48CT		
M27/312-18	5P55CT		
M27/312-19	5P63CT		
M27/312-20	5P70CT		
M27/312-21	5P80CT		
M27/312-22	5P90CT		
M27/312-23	5P100CT		
M27/312-24	5P110CT		
M27/312-25	5P123CT		
M27/312-26	5P138CT		
M27/313-01	10P5CT	27-56-84	Abbott Technologies, Inc.
M27/313-02	10P6.3CT		
M27/313-03	10P8CT		
M27/313-04	10P10CT		
M27/313-05	10P12.6CT		
M27/313-06	10P14CT		
M27/313-07	10P16CT		
M27/313-08	10P18CT		
M27/313-09	10P20CT		
M27/313-10	10P22CT		
M27/313-11	10P25CT		
M27/313-12	10P28CT		
M27/313-13	10P31CT		
M27/313-14	10P35CT		
M27/313-15	10P39CT		

GOVERNMENT DESIGNATION	MANUFACTURER'S DESIGNATION OR TYPE NUMBER	TEST OR QUALIFICATION REFERENCE	MANUFACTURER'S NAME (ADDRESS ON LAST PAGE)
M27/313-16	10P43CT	27-56-84	Abbott Technologies, Inc. (Continued)
M27/313-17	10P48CT		
M27/313-18	10P55CT		
M27/313-19	10P63CT		
M27/313-20	10P70CT		
M27/313-21	10P80CT		
M27/313-22	10P90CT		
M27/313-23	10P100CT		
M27/313-24	10P110CT		
M27/313-25	10P123CT		
M27/313-26	10P138CT		
M27/313-27	10P157CT		
M27/313-28	10P175CT		
M27/313-29	10P200CT		
M27/313-30	10P220CT		
M27/314-01	15P5CT	27-56-84	Abbott Technologies, Inc.
M27/314-02	15P6.3CT		
M27/314-03	15P8CT		
M27/314-04	15P10CT		
M27/314-05	15P12.6CT		
M27/314-06	15P14CT		
M27/314-07	15P16CT		
M27/314-08	15P18CT		
M27/314-09	15P20CT		
M27/314-10	15P22CT		
M27/314-11	15P25CT		
M27/314-12	15P28CT		
M27/314-13	15P31CT		
M27/314-14	15P35CT		
M27/314-15	15P39CT		
M27/314-16	15P43CT		
M27/314-17	15P48CT		
M27/314-18	15P55CT		
M27/314-19	15P63CT		
M27/314-20	15P70CT		
M27/314-21	15P80CT		
M27/314-22	15P90CT		
M27/314-23	15P100CT		
M27/314-24	15P110CT		
M27/314-25	15P123CT		
M27/314-26	15P138CT		
M27/314-27	15P157CT		
M27/314-28	15P175CT		
M27/314-29	15P200CT		
M27/314-30	15P220CT		
M27/315-01	20P5CT	27-56-84	Abbott Technologies, Inc.
M27/315-02	20P6.3CT		
M27/315-03	20P8CT		
M27/315-04	20P10CT		
M27/315-05	20P12.6CT		
M27/315-06	20P14CT		
M27/315-07	20P16CT		
M27/315-08	20P18CT		
M27/315-09	20P20CT		
M27/315-10	20P22CT		
M27/315-11	20P25CT		
M27/315-12	20P28CT		
M27/315-13	20P31CT		
M27/315-14	20P35CT		
M27/315-15	20P39CT		
M27/315-16	20P43CT		
M27/315-17	20P48CT		
M27/315-18	20P55CT		
M27/315-19	20P63CT		
M27/315-20	20P70CT		

GOVERNMENT DESIGNATION	MANUFACTURER'S DESIGNATION OR TYPE NUMBER	TEST OR QUALIFICATION REFERENCE	MANUFACTURER'S NAME (ADDRESS ON LAST PAGE)
M27/315-21	20P80CT	27-56-84	Abbott Technologies, Inc. (Continued)
M27/315-22	20P90CT		
M27/315-23	20P100CT		
M27/315-24	20P110CT		
M27/315-25	20P123CT		
M27/315-26	20P138CT		
M27/315-27	20P157CT		
M27/315-28	20P175CT		
M27/315-29	20P200CT		
M27/315-30	20P220CT		
M27/316-01	30P5CT	27-57-84	Abbott Technologies, Inc.
M27/316-02	30P6.3CT		
M27/316-03	30P8CT		
M27/316-04	30P10CT		
M27/316-05	30P12.6CT		
M27/316-06	30P14CT		
M27/316-07	30P16CT		
M27/316-08	30P18CT		
M27/316-09	30P20CT		
M27/316-10	30P22CT		
M27/316-11	30P25CT		
M27/316-12	30P28CT		
M27/316-13	30P31CT		
M27/316-14	30P35CT		
M27/316-15	30P39CT		
M27/316-16	30P43CT		
M27/316-17	30P48CT		
M27/316-18	30P55CT		
M27/316-19	30P63CT		
M27/316-20	30P70CT		
M27/316-21	30P80CT		
M27/316-22	30P90CT		
M27/316-23	30P100CT		
M27/316-24	30P110CT		
M27/316-25	30P123CT		
M27/316-26	30P138CT		
M27/316-27	30P157CT		
M27/316-28	30P175CT		
M27/316-29	30P200CT		
M27/316-30	30P220CT		
M27/317-01	40P5CT	27-57-84	Abbott Technologies, Inc.
M27/317-02	40P6.3CT		
M27/317-03	40P8CT		
M27/317-04	40P10CT		
M27/317-05	40P12.6CT		
M27/317-06	40P14CT		
M27/317-07	40P16CT		
M27/317-08	40P18CT		
M27/317-09	40P20CT		
M27/317-10	40P22CT		
M27/317-11	40P25CT		
M27/317-12	40P28CT		
M27/317-13	40P31CT		
M27/317-14	40P35CT		
M27/317-15	40P39CT		
M27/317-16	40P43CT		
M27/317-17	40P48CT		
M27/317-18	40P55CT		
M27/317-19	40P63CT		
M27/317-20	40P70CT		
M27/317-21	40P80CT		
M27/317-22	40P90CT		
M27/317-23	40P100CT		
M27/317-24	40P110CT		
M27/317-25	40P123CT		
M27/317-26	40P138CT		
M27/317-27	40P157CT		
M27/317-28	40P175CT		
M27/317-29	40P200CT		
M27/317-30	40P220CT		

GOVERNMENT DESIGNATION	MANUFACTURER'S DESIGNATION OR TYPE NUMBER	TEST OR QUALIFICATION REFERENCE	MANUFACTURER'S NAME (ADDRESS ON LAST PAGE)
M27/318-01	80P5CT	27-57-84	Abbott Technologies, Inc.
M27/318-02	80P6.3CT		
M27/318-03	80P8CT		
M27/318-04	80P10CT		
M27/318-05	80P12.6CT		
M27/318-06	80P14CT		
M27/318-07	80P16CT		
M27/318-08	80P18CT		
M27/318-09	80P20CT		
M27/318-10	80P22CT		
M27/318-11	80P25CT		
M27/318-12	80P28CT		
M27/318-13	80P31CT		
M27/318-14	80P35CT		
M27/318-15	80P39CT		
M27/318-16	80P43CT		
M27/318-17	80P48CT		
M27/318-18	80P55CT		
M27/318-19	80P63CT		
M27/318-20	80P70CT		
M27/318-21	80P80CT		
M27/318-22	80P90CT		
M27/318-23	80P100CT		
M27/318-24	80P110CT		
M27/318-25	80P123CT		
M27/318-26	80P138CT		
M27/318-27	80P157CT		
M27/318-28	80P175CT		
M27/318-29	80P200CT		
M27/318-30	80P220CT		
M27/319-01	120P6.3CT	27-57-84	Abbott Technologies, Inc.
M27/319-02	120P8CT		
M27/319-03	120P10CT		
M27/319-04	120P12.6CT		
M27/319-05	120P14CT		
M27/319-06	120P16CT		
M27/319-07	120P18CT		
M27/319-08	120P20CT		
M27/319-09	120P22CT		
M27/319-10	120P25CT		
M27/319-11	120P28CT		
M27/319-12	120P31CT		
M27/319-13	120P35CT		
M27/319-14	120P39CT		
M27/319-15	120P43CT		
M27/319-16	120P48CT		
M27/319-17	120P55CT		
M27/319-18	120P63CT		
M27/319-19	120P70CT		
M27/319-20	120P80CT		
M27/319-21	120P90CT		
M27/319-22	120P100CT		
M27/319-23	120P110CT		
M27/319-24	120P123CT		
M27/319-25	120P138CT		
M27/319-26	120P157CT		
M27/319-27	120P175CT		
M27/319-28	120P200CT		
M27/319-29	120P220CT		
M27/320-01	160P8CT	27-58-84	Abbott Technologies, Inc.
M27/320-02	160P10CT		
M27/320-03	160P12.6CT		
M27/320-04	160P14CT		
M27/320-05	160P16CT		
M27/320-06	160P18CT		
M27/320-07	160P20CT		
M27/320-08	160P22CT		
M27/320-09	160P25CT		
M27/320-10	160P28CT		

GOVERNMENT DESIGNATION	MANUFACTURER'S DESIGNATION OR TYPE NUMBER	TEST OR QUALIFICATION REFERENCE	MANUFACTURER'S NAME (ADDRESS ON LAST PAGE)
M27/320-11	160P31CT	27-58-84	Abbott Technologies, Inc. (Continued)
M27/320-12	160P35CT		
M27/320-13	160P39CT		
M27/320-14	160P43CT		
M27/320-15	160P48CT		
M27/320-16	160P55CT		
M27/320-17	160P63CT		
M27/320-18	160P70CT		
M27/320-19	160P80CT		
M27/320-20	160P90CT		
M27/320-21	160P100CT		
M27/320-22	160P110CT		
M27/320-23	160P123CT		
M27/320-24	160P138CT		
M27/320-25	160P157CT		
M27/320-26	160P175CT		
M27/320-27	160P200CT		
M27/320-28	160P220CT		
M27/321-01	200P10CT	27-58-84	Abbott Technologies, Inc.
M27/321-02	200P12.6CT		
M27/321-03	200P14CT		
M27/321-04	200P16CT		
M27/321-05	200P18CT		
M27/321-06	200P20CT		
M27/321-07	200P22CT		
M27/321-08	200P25CT		
M27/321-09	200P28CT		
M27/321-10	200P31CT		
M27/321-11	200P35CT		
M27/321-12	200P39CT		
M27/321-13	200P43CT		
M27/321-14	200P48CT		
M27/321-15	200P55CT		
M27/321-16	200P63CT		
M27/321-17	200P70CT		
M27/321-18	200P80CT		
M27/321-19	200P90CT		
M27/321-20	200P100CT		
M27/321-21	200P110CT		
M27/321-22	200P123CT		
M27/321-23	200P138CT		
M27/321-24	200P157CT		
M27/321-25	200P175CT		
M27/321-26	200P200CT		
M27/321-27	200P220CT		
M27/322-01	300P16CT	27-58-84	Abbott Technologies, Inc.
M27/322-02	300P18CT		
M27/322-03	300P20CT		
M27/322-04	300P22CT		
M27/322-05	300P25CT		
M27/322-06	300P28CT		
M27/322-07	300P31CT		
M27/322-08	300P35CT		
M27/322-09	300P39CT		
M27/322-10	300P43CT		
M27/322-11	300P48CT		
M27/322-12	300P55CT		
M27/322-13	300P63CT		
M27/322-14	300P70CT		
M27/322-15	300P80CT		
M27/322-16	300P90CT		
M27/322-17	300P100CT		
M27/322-18	300P110CT		
M27/322-19	300P123CT		
M27/322-20	300P138CT		
M27/322-21	300P157CT		
M27/322-22	300P175CT		
M27/322-23	300P200CT		
M27/322-24	300P220CT		

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M27/323-01	MTC-006	27-365-90	OPT Industries, Inc. (1)
M27/323-02	MTC-076		
M27/323-03	MTC-109		
M27/323-04	MTC-126		
M27/323-05	MTC-1006		
M27/325-01	FP-011	27-456-89	OPT Industries, Inc. (1)
M27/325-02	FP-021		
M27/325-03	FP-031		
M27/325-04	FP-012		
M27/325-05	FP-022		
M27/325-06	FP-032		
M27/325-07	FP-013		
M27/325-08	FP-023		
M27/325-09	FP-033		
M27/326-01	6C5-5	27-59-84	Abbott Technologies, Inc.
M27/326-02	6C6-5		
M27/326-03	6C8-5		
M27/326-04	6C10-5		
M27/326-05	6C12-5		
M27/326-06	6C17-5		
M27/326-07	6C20-5		
M27/326-08	6C28-5		
M27/326-09	6C44-5		
M27/326-10	6C60-5		
M27/327-01	6C5-15	27-59-84	Abbott Technologies, Inc.
M27/327-02	6C6-15		
M27/327-03	6C8-15		
M27/327-04	6C10-15		
M27/327-05	6C12-15		
M27/327-06	6C17-15		
M27/327-07	6C20-15		
M27/327-08	6C28-15		
M27/327-09	6C44-15		
M27/327-10	6C60-15		
M27/328-01	6C5-30	27-59-84	Abbott Technologies, Inc.
M27/328-02	6C6-30		
M27/328-03	6C8-30		
M27/328-04	6C10-30		
M27/328-05	6C12-30		
M27/328-06	6C17-30		
M27/328-07	6C20-30		
M27/328-08	6C28-30		
M27/328-09	6C44-30		
M27/328-10	6C60-30		
M27/329-01	6C5-60	27-60-84	Abbott Technologies, Inc.
M27/329-02	6C6-60		
M27/329-03	6C8-60		
M27/329-04	6C10-60		
M27/329-05	6C12-60		
M27/329-06	6C17-60		
M27/329-07	6C20-60		
M27/329-08	6C28-60		
M27/329-09	6C44-60		
M27/329-10	6C60-60		
M27/330-01	6C5-100	27-60-84	Abbott Technologies, Inc.
M27/330-02	6C6-126		
M27/330-03	6C8-128		
M27/330-04	6C10-140		
M27/330-05	6C12-140		
M27/330-06	6C17-140		
M27/330-07	6C20-140		
M27/330-08	6C28-140		
M27/330-09	6C44-140		
M27/330-10	6C60-140		

GOVERNMENT DESIGNATION	MANUFACTURER'S DESIGNATION OR TYPE NUMBER	TEST OR QUALIFICATION REFERENCE	MANUFACTURER'S NAME (ADDRESS ON LAST PAGE)
M27/331-01	6C8-160	27-60-84	Abbott Technologies, Inc.
M27/331-02	6C10-170		
M27/331-03	6C12-170		
M27/331-04	6C17-170		
M27/331-05	6C20-170		
M27/331-06	6C28-170		
M27/331-07	6C44-170		
M27/331-08	6C60-170		
M27/332-01	4A5-7	27-63-84	Abbott Technologies, Inc.
M27/332-02	4A6-7		
M27/332-03	4A8-7		
M27/332-04	4A10-7		
M27/332-05	4A12-7		
M27/332-06	4A17-7		
M27/332-07	4A20-7		
M27/332-08	4A28-7		
M27/332-09	4A44-7		
M27/332-10	4A60-7		
M27/333-01	4A5-10	27-63-84	Abbott Technologies, Inc.
M27/333-02	4A6-10		
M27/333-03	4A8-10		
M27/333-04	4A10-10		
M27/333-05	4A12-10		
M27/333-06	4A17-10		
M27/333-07	4A20-10		
M27/333-08	4A28-10		
M27/333-09	4A44-10		
M27/333-10	4A60-10		
M27/334-01	4A5-25	27-63-84	Abbott Technologies, Inc.
M27/334-02	4A6-25		
M27/334-03	4A8-25		
M27/334-04	4A10-25		
M27/334-05	4A12-25		
M27/334-06	4A17-25		
M27/334-07	4A20-25		
M27/334-08	4A28-25		
M27/334-09	4A44-25		
M27/334-10	4A60-25		
M27/335-01	4A5-40	27-64-84	Abbott Technologies, Inc.
M27/335-02	4A6-50		
M27/335-03	4A8-50		
M27/335-04	4A10-50		
M27/335-05	4A12-50		
M27/335-06	4A17-50		
M27/335-07	4A20-50		
M27/335-08	4A28-50		
M27/335-09	4A44-50		
M27/335-10	4A60-50		
M27/336-01	4A5-120	27-63-84	Abbott Technologies, Inc.
M27/336-02	4A6-120		
M27/336-03	4A8-120		
M27/336-04	4A10-120		
M27/336-05	4A12-120		
M27/336-06	4A17-120		
M27/336-07	4A20-120		
M27/336-08	4A28-120		
M27/336-09	4A44-120		
M27/336-10	4A60-120		
M27/337-01	4A5-150	27-64-84	Abbott Technologies, Inc.
M27/337-02	4A6-150		
M27/337-03	4A8-150		
M27/337-04	4A10-150		
M27/337-05	4A12-150		
M27/337-06	4A17-150		
M27/337-07	4A20-150		
M27/337-08	4A28-150		
M27/337-09	4A44-150		
M27/337-10	4A60-150		

GOVERNMENT DESIGNATION	MANUFACTURER'S DESIGNATION OR TYPE NUMBER	TEST OR QUALIFICATION REFERENCE	MANUFACTURER'S NAME (ADDRESS ON LAST PAGE)
M27/338-01	2E5CT	27-61-84	Abbott Technologies, Inc.
M27/338-02	2E6.3CT		
M27/338-03	2E8CT		
M27/338-04	2E10CT		
M27/338-05	2E12.6CT		
M27/338-06	2E14CT		
M27/338-07	2E16CT		
M27/338-08	2E18CT		
M27/338-09	2E20CT		
M27/338-10	2E22CT		
M27/338-11	2E25CT		
M27/338-12	2E28CT		
M27/338-13	2E31CT		
M27/338-14	2E35CT		
M27/338-15	2E39CT		
M27/338-16	2E43CT		
M27/338-17	2E48CT		
M27/338-18	2E55CT		
M27/338-19	2E63CT		
M27/338-20	2E70CT		
M27/338-21	2E80CT		
M27/338-22	2E90CT		
M27/338-23	2E100CT		
M27/338-24	2E110CT		
M27/338-25	2E123CT		
M27/338-26	2E138CT		
M27/339-01	6E5CT	27-61-84	Abbott Technologies, Inc.
M27/339-02	6E6.3CT		
M27/339-03	6E8CT		
M27/339-04	6E10CT		
M27/339-05	6E12.6CT		
M27/339-06	6E14CT		
M27/339-07	6E16CT		
M27/339-08	6E18CT		
M27/339-09	6E20CT		
M27/339-10	6E22CT		
M27/339-11	6E25CT		
M27/339-12	6E28CT		
M27/339-13	6E31CT		
M27/339-14	6E35CT		
M27/339-15	6E39CT		
M27/339-16	6E43CT		
M27/339-17	6E48CT		
M27/339-18	6E55CT		
M27/339-19	6E63CT		
M27/339-20	6E70CT		
M27/339-21	6E80CT		
M27/339-22	6E90CT		
M27/339-23	6E100CT		
M27/339-24	6E110CT		
M27/339-25	6E123CT		
M27/339-26	6E138CT		
M27/339-27	6E157CT	27-62-84	Abbott Technologies, Inc.
M27/339-28	6E175CT		
M27/339-29	6E200CT		
M27/339-30	6E220CT		
M27/340-01	15E5CT		
M27/340-02	15E6.3CT		
M27/340-03	15E8CT		
M27/340-04	15E10CT		
M27/340-05	15E12.6CT		
M27/340-06	15E14CT		
M27/340-07	15E16CT		
M27/340-08	15E18CT		
M27/340-09	15E20CT		
M27/340-10	15E22CT		

GOVERNMENT DESIGNATION	MANUFACTURER'S DESIGNATION OR TYPE NUMBER	TEST OR QUALIFICATION REFERENCE	MANUFACTURER'S NAME (ADDRESS ON LAST PAGE)
M27/340-11	15E25CT	27-62-84	Abbott Technologies, Inc. (Continued)
M27/340-12	15E28CT		
M27/340-13	15E31CT		
M27/340-14	15E35CT		
M27/340-15	15E39CT		
M27/340-16	15E43CT		
M27/340-17	15E48CT		
M27/340-18	15E55CT		
M27/340-19	15E63CT		
M27/340-20	15E70CT		
M27/340-21	15E80CT		
M27/340-22	15E90CT		
M27/340-23	15E100CT		
M27/340-24	15E110CT		
M27/340-25	15E123CT		
M27/340-26	15E138CT		
M27/340-27	15E157CT		
M27/340-28	15E175CT		
M27/340-29	15E200CT		
M27/340-30	15E220CT		
M27/341-01	24E5CT	27-62-84	Abbott Technologies, Inc.
M27/341-02	24E6.3CT		
M27/341-03	24E8CT		
M27/341-04	24E10CT		
M27/341-05	24E12.6CT		
M27/341-06	24E14CT		
M27/341-07	24E16CT		
M27/341-08	24E18CT		
M27/341-09	24E20CT		
M27/341-10	24E22CT		
M27/341-11	24E25CT		
M27/341-12	24E28CT		
M27/341-13	24E31CT		
M27/341-14	24E35CT		
M27/341-15	24E39CT		
M27/341-16	24E43CT		
M27/341-17	24E48CT		
M27/341-18	24E55CT		
M27/341-19	24E63CT		
M27/341-20	24E70CT		
M27/341-21	24E80CT		
M27/341-22	24E90CT		
M27/341-23	24E100CT		
M27/341-24	24E110CT		
M27/341-25	24E123CT		
M27/341-26	24E138CT		
M27/341-27	24E157CT		
M27/341-28	24E175CT		
M27/341-29	24E200CT		
M27/341-30	24E220CT		
M27/342-01	80E5CT	27-62-84	Abbott Technologies, Inc.
M27/342-02	80E6.3CT		
M27/342-03	80E8CT		
M27/342-04	80E10CT		
M27/342-05	80E12.6CT		
M27/342-06	80E14CT		
M27/342-07	80E16CT		
M27/342-08	80E18CT		
M27/342-09	80E20CT		
M27/342-10	80E22CT		
M27/342-11	80E25CT		
M27/342-12	80E28CT		
M27/342-13	80E31CT		
M27/342-14	80E35CT		
M27/342-15	80E39CT		
M27/342-16	80E43CT		
M27/342-17	80E48CT		
M27/342-18	80E55CT		
M27/342-19	80E63CT		
M27/342-20	80E70CT		

GOVERNMENT DESIGNATION	MANUFACTURER'S DESIGNATION OR TYPE NUMBER	TEST OR QUALIFICATION REFERENCE	MANUFACTURER'S NAME (ADDRESS ON LAST PAGE)
M27/342-21	80E80CT	27-62-84	Abbott Technologies, Inc. (Continued)
M27/342-22	80E90CT		
M27/342-23	80E100CT		
M27/342-24	80E110CT		
M27/342-25	80E123CT		
M27/342-26	80E138CT		
M27/342-27	80E157CT		
M27/342-28	80E175CT		
M27/342-29	80E200CT	27-62-84	Abbott Technologies, Inc.
M27/342-30	80E220CT		
M27/343-01	175E5CT		
M27/343-02	175E6.3CT		
M27/343-03	175E8CT		
M27/343-04	175E10CT		
M27/343-05	175E12.6CT		
M27/343-06	175E14CT		
M27/343-07	175E16CT		
M27/343-08	175E18CT		
M27/343-09	175E20CT		
M27/343-10	175E22CT		
M27/343-11	175E25CT		
M27/343-12	175E28CT		
M27/343-13	175E31CT		
M27/343-14	175E35CT		
M27/343-15	175E39CT		
M27/343-16	175E43CT		
M27/343-17	175E48CT		
M27/343-18	175E55CT		
M27/343-19	175E63CT		
M27/343-20	175E70CT		
M27/343-21	175E80CT		
M27/343-22	175E90CT		
M27/343-23	175E100CT		
M27/343-24	175E110CT		
M27/343-25	175E123CT		
M27/343-26	175E138CT		
M27/343-27	175E157CT		
M27/343-28	175E175CT		
M27/343-29	175E200CT		
M27/343-30	175E220CT		
M27/344-01	4D5-90	27-67-84	Abbott Technologies, Inc.
M27/344-02	4D12-90		
M27/344-03	4D15-90		
M27/344-04	4D20-90		
M27/344-05	4D28-90		
M27/344-06	4D40-90		
M27/344-07	4D115-90		
M27/344-08	4D5-90A		
M27/344-09	4D12-90A		
M27/344-10	4D15-90A		
M27/344-11	4D20-90A		
M27/344-12	4D28-90A		
M27/344-13	4D48-90A		
M27/344-14	4D115-90A		
M27/344-15	4D5-90B		
M27/344-16	4D12-90B		
M27/344-17	4D15-90B		
M27/344-18	4D20-90B		
M27/344-19	4D28-90B		
M27/344-20	4D48-90B		
M27/344-21	4D115-90B		

GOVERNMENT DESIGNATION	MANUFACTURER'S DESIGNATION OR TYPE NUMBER	TEST OR QUALIFICATION REFERENCE	MANUFACTURER'S NAME (ADDRESS ON LAST PAGE)
M27/345-01	4D5-120	27-67-84	Abbott Technologies, Inc.
M27/345-02	4D12-120		
M27/345-03	4D15-120		
M27/345-04	4D20-120		
M27/345-05	4D28-120		
M27/345-06	4D48-120		
M27/345-07	4D115-120		
M27/345-08	4D5-120A		
M27/345-09	4D12-120A		
M27/345-10	4D15-120A		
M27/345-11	4D20-120A		
M27/345-12	4D28-120A		
M27/345-13	4D48-120A		
M27/345-14	4D115-120A		
M27/345-15	4D5-120B		
M27/345-16	4D12-120B		
M27/345-17	4D15-120B		
M27/345-18	4D20-120B		
M27/345-19	4D28-120B		
M27/345-20	4D48-120B		
M27/345-21	4D115-120B		
M27/346-01	4D5-150	27-67-84	Abbott Technologies, Inc.
M27/346-02	4D12-150		
M27/346-03	4D15-150		
M27/346-04	4D20-150		
M27/346-05	4D28-150		
M27/346-06	4D48-150		
M27/346-07	4D115-150		
M27/346-08	4D5-150A		
M27/346-09	4D12-150A		
M27/346-10	4D15-150A		
M27/346-11	4D20-150A		
M27/346-12	4D28-150A		
M27/346-13	4D48-150A		
M27/346-14	4D115-150A		
M27/346-15	4D5-150B		
M27/346-16	4D12-150B		
M27/346-17	4D15-150B		
M27/346-18	4D20-150B		
M27/346-19	4D28-150B		
M27/346-20	4D48-150B		
M27/346-21	4D115-150B		
M27/347-01	4D5-200	27-68-84	Abbott Technologies, Inc.
M27/347-02	4D12-200		
M27/347-03	4D15-200		
M27/347-04	4D20-200		
M27/347-05	4D28-200		
M27/347-06	4D48-200		
M27/347-07	4D115-200		
M27/347-08	4D5-200A		
M27/347-09	4D12-200A		
M27/347-10	4D15-200A		
M27/347-11	4D20-200A		
M27/347-12	4D28-200A		
M27/347-13	4D48-200A		
M27/347-14	4D115-200A		
M27/347-15	4D5-200B		
M27/347-16	4D12-200B		
M27/347-17	4D15-200B		
M27/347-18	4D20-200B		
M27/347-19	4D28-200B		
M27/347-20	4D48-200B		
M27/347-21	4D115-200B		

GOVERNMENT DESIGNATION	MANUFACTURER'S DESIGNATION OR TYPE NUMBER	TEST OR QUALIFICATION REFERENCE	MANUFACTURER'S NAME (ADDRESS ON LAST PAGE)
M27/348-01	4D12-270	27-68-84	Abbott Technologies, Inc.
M27/348-02	4D15-270		
M27/348-03	4D20-270		
M27/348-04	4D28-270		
M27/348-05	4D48-270		
M27/348-06	4D115-270		
M27/348-07	4D12-270A		
M27/348-08	4D15-270A		
M27/348-09	4D20-270A		
M27/348-10	4D28-270A		
M27/348-11	4D48-270A		
M27/348-12	4D115-270A		
M27/348-13	4D12-270B		
M27/348-14	4D15-270B		
M27/348-15	4D20-270B		
M27/348-16	4D28-270B		
M27/348-17	4D48-270B		
M27/348-18	4D115-270B		
M27/349-01	4D12-375	27-68-84	Abbott Technologies, Inc.
M27/349-02	4D15-375		
M27/349-03	4D20-375		
M27/349-04	4D28-375		
M27/349-05	4D48-375		
M27/349-06	4D115-375		
M27/349-07	4D12-375A		
M27/349-08	4D15-375A		
M27/349-09	4D20-375A		
M27/349-10	4D28-375A		
M27/349-11	4D48-375A		
M27/349-12	4D115-375A		
M27/349-13	4D12-375B		
M27/349-14	4D15-375B		
M27/349-15	4D20-375B		
M27/349-16	4D28-375B		
M27/349-17	4D48-375B		
M27/349-18	4D115-375B		
M27/349-01 thru -18	53445-01 thru -18	27-172-90	Magnetics, Inc.
M27/350-01 thru -10	TM1-1C thru TM10-1C	27-65-84	Abbott Technologies, Inc.
M27/351-01 thru -10	TM1-2C thru TM10-2C	27-65-84	Abbott Technologies, Inc.
M27/352-01 thru -10	TM1-3C thru TM10-3C	27-65-84	Abbott Technologies, Inc.
M27/352-11	TM7.5-3C	27-381-90	Abbott Technologies, Inc.
M27/353-01 thru -09	TM2-4C thru TM10-4C	27-66-84	Abbott Technologies, Inc.
M27/354-01 thru -08	TM3-5C thru TM10-5C	27-66-84	Abbott Technologies, Inc.
M27/355-01	4212-1009	27-228-91	Datatronix, Inc.
M27/356-01	41020	27-276-85	Pico Electronics, Inc.
M27/356-02	42105		
M27/356-03	43103		
M27/356-04	44500		
M27/356-05	45107		
M27/356-06	41040		
M27/356-07	42125		
M27/356-08	43123		
M27/356-09	44520		
M27/356-10	45127		
M27/356-11	41060		
M27/356-12	42145		
M27/356-13	43143		
M27/356-14	44560		
M27/356-15	45147		

GOVERNMENT DESIGNATION	MANUFACTURER'S DESIGNATION OR TYPE NUMBER	TEST OR QUALIFICATION REFERENCE	MANUFACTURER'S NAME (ADDRESS ON LAST PAGE)
M27/356-16	41080	27-276-85	Pico Electronics, Inc.
M27/356-17	42165		(Continued)
M27/356-18	43163		
M27/356-19	44580		
M27/356-20	45167		
M27/356-21	41100		
M27/356-22	42185		
M27/356-23	43183		
M27/356-24	44600		
M27/356-25	45187		
M27/356-26	41120		
M27/356-27	42205		
M27/356-28	43203		
M27/356-29	44620		
M27/356-30	45207		
M27/356-31	41140		
M27/356-32	42223		
M27/356-33	43223		
M27/356-34	44640		
M27/356-35	45227		
M27/356-36	41160		
M27/356-37	42245		
M27/356-38	43243		
M27/356-39	44660		
M27/356-40	45247		
M27/356-41	41180		
M27/356-42	42265		
M27/356-43	43263		
M27/356-44	44680		
M27/356-45	45267		
M27/356-46	41200		
M27/356-47	42285		
M27/356-48	43283		
M27/356-49	44700		
M27/356-50	45287		
M27/356-51	41220		
M27/356-52	42305		
M27/356-53	43303		
M27/356-54	44720		
M27/356-55	45307		
M27/356-56	41240		
M27/356-57	42325		
M27/356-58	43323		
M27/356-59	44740		
M27/356-60	45327		
M27/356-61	41260		
M27/356-62	42345		
M27/356-63	43343		
M27/356-01 thru -63	PK356-1 thru PK356-63	27-1563-86	Torotel Products, Inc.
M27/356-58	41885	27-1321-86	Vanguard Electronics, Inc.
M27/357-01 thru -114	L-8203 thru L-8705	27-787-87 27-788-87	Pico Electronics, Inc.
M27/358-01 thru -123	N-6203 thru N-6660 N-6670 thru N-6705 N-6715 thru N-6735 N-6750	27-789-87 27-790-87	Pico Electronics, Inc.
M27/359-01 thru -147	S21003 thru S21620	27-413-89 27-414-89	Pico Electronics, Inc.
M27/360-01	S1161	27-1596-85	Abbott Technologies, Inc.

GOVERNMENT DESIGNATION	MANUFACTURER'S DESIGNATION OR TYPE NUMBER	TEST OR QUALIFICATION REFERENCE	MANUFACTURER'S NAME (ADDRESS ON LAST PAGE)
M27/361-01	TOP - 1265	27-149-92	OPT Industries, Inc. (1)
M27/361-02	TOP - 1270		
M27/361-03	TOP - 1380		
M27/361-04	TOP - 1385		
M27/361-05	TOP - 1387		
M27/361-06	TOP - 1490		
M27/361-07	TOP - 1495		
M27/361-08	TOP - 1640		
M27/361-09	TOP - 1645		
M27/361-10	TOP - 1655		
M27/362-01	TOP - 2265	27-149-92	OPT Industries, Inc. (1)
M27/362-02	TOP - 2270		
M27/362-03	TOP - 2380		
M27/362-04	TOP - 2385		
M27/362-05	TOP - 2387		
M27/362-06	TOP - 2490		
M27/362-07	TOP - 2495		
M27/362-08	TOP - 2640		
M27/362-09	TOP - 2645		
M27/362-10	TOP - 2655		
M27/362-11	TOP - 2695		
M27/362-12	TOP - 2814		
M27/363-01	TOP - 3065	27-149-92	OPT Industries, Inc. (1)
M27/363-02	TOP - 3070		
M27/363-03	TOP - 3180		
M27/363-04	TOP - 3185		
M27/363-05	TOP - 3187		
M27/363-06	TOP - 3290		
M27/363-07	TOP - 3295		
M27/363-08	TOP - 3440		
M27/363-09	TOP - 3445		
M27/363-10	TOP - 3455		
M27/363-11	TOP - 3495		
M27/363-12	TOP - 3614		
M27/364-01	S1045	27-624-87	Abbott Technologies, Inc.

TABLE I (See Note 1)

(THIS TABLE APPLIES TO M27/37 THRU M27/66)

M27/---Dash No's

<u>A</u>	<u>B</u>	<u>C</u>	<u>D</u>	<u>Manufacturer's Part Number</u> Voltage Rating
01				TW- - - - 6- - 02
02				6.3
03				7
04				7.5
05				8
06				9
07	01			10
08	02			11
09	03	01		12
10	04	02		12.6
11	05	03		13
12	06	04		15
13	07	05		16
14	08	06		18
15	09	07		20
16	10	08		22
17	11	09		24
18	12	10	01	26
19	13	11	02	28
20	14	14	03	30
21	15	13	04	33
22	16	14	05	36
23	17	15	06	39
24	18	16	07	43
25	19	17	08	47
26	20	18	09	51
27	21	19	10	56
28	22	20	11	62
29	23	21	12	68
30	24	22	13	75
31	25	23	14	82
32	26	24	15	91
33	27	25	16	100
34	28	26	17	110
35	29	27	18	115
36	30	28	19	120
37	31	29	20	130
38	32	30	21	150
39	33	31	22	180
40	34	32	23	200
41	35	33	24	220
42	36	34	25	240
43	37	35	26	270
44	38	36	27	300

NOTE 1: The manufacturer's part number is constructed as follows:

TW - - - - 6 thru 300 T S

Shielded

Blank-Not Shielded

Center taped secondary

Secondary voltage (Table I)

Configuration (case style) A or P
(Corresponds to Government A or B)

Volt Ampere rating

Example: Military NumberManufacturer's Number

M27/3702A

TW 1.5 A 6.3 T

M27/3702B

TW 1.5 P 6.3 T

TABLE II

(THIS TABLE APPLIES TO M27/37 thru M27/47)

The manufacturer's (Torotel) part number may be cross-referenced as follows:				MIL DASH NUMBER	TOROTEL SUFFIX NUMBER
<u>3</u>	<u>E</u>	<u>T</u>	<u>8</u>	<u>XX</u>	<u>**</u>
VA Rating	Package Style	Schematic	Secondary Voltage	01	6
<u>M/27 DASH NUMBERS</u>				02	6.3
<u>TOROTEL PART NUMBERS</u>				03	7
M27/37-XXA		1.5ET **		04	7.5
M27/37-XXB		1.5PT **		05	8
M27/38-XXA		1.5ES **		06	9
M27/38-XXB		1.5PS **		07	10
M27/39-XXA		3ET **		08	11
M27/39-XXB		3PT **		09	12
M27/40-XXA		3ES **		10	12.6
M27/40-XXB		3PS **		11	13
M27/41-XXA		6ET **		12	15
M27/41-XXB		6PT **		13	16
M27/42-XXA		6ES **		14	18
M27/42-XXB		6PS **		15	20
M27/43-XXA		9ET **		16	22
M27/43-XXB		9PT **		17	24
M27/44-XXA		16ET **		18	26
M27/44-XXB		16PT **		19	28
M27/45-XXA		16ES **		20	30
M27/45-XXB		16PS **		21	33
M27/46-XXA		25ET **		22	36
M27/46-XXB		25PT **		23	39
M27/47-XXA		25ES **		24	43
M27/47-XXB		25PS **		25	47
				26	51
				27	56
				28	62
				29	68
				30	75
				31	82
				32	91
				33	100
				34	110
				35	115
				36	120
				37	130
				38	150
				39	180
				40	200
				41	220
				42	240
				43	270
				44	300

MANUFACTURER'S NAME, ADDRESS AND PLANT	CAGE CODE	MANUFACTURER'S NAME, ADDRESS AND PLANT	CAGE CODE
Abbott Technologies, Inc. Sun Valley Division 8203 Vineland Avenue Sun Valley, CA 91352 Plant: Same Address	58910	Magnetico, Inc. 182 Morris Avenue Holtsville, NY 11742 Plant: Same Address	10581
Accusonics Products 2101 Jericho Turnpike New Hyde Park, NY 11040-4757 Plant: Same Address		OPT Industries, Inc. 300 Red School Lane Phillipsburg, NJ 08865 Plants: 1. Same Address 2. Tecma S.A. de C.V. Posada Pompa y Cadets del 47 cd. Juarez, Chih., Mexico 3. Customs Coils of St. Kitts Ponds Industrial Estate P.O. Box 512 Basseterre, St. Kitts West Indies	53342
B. G. Laboratories, Inc. 75 Travis Avenue Binghamton, NY 13904 Plant: Same Address	26522		
Coast Magnetics Adam-Maxwell Division 1207 North La Brea Inglewood, CA 90302 Plants: 1. Same 2. Coast Coil Division 5333 W. Washington Blvd. Los Angeles, CA 90016	22558	Pico Electronics, Inc. 453 North MacQuesten Parkway P.O. Box 1206 Mount Vernon, NY 10552 Plant: Same Address	31669
Dale Electronics, Inc. 1122 23rd Street Columbus, NE 68602-0609 Plant: E. Highway 50 Yankton, SD 57078	91637	Titan Transformer Company 134 Coolidge Avenue Watertown, MA 02172 Plant: Same Address	11850
Datatronics, Inc. 28151 Highway 74 P.O. Box 1398 Romoland, CA 92380 Plant: Same Address	08116	Torotel Products, Inc. 13402 South 71 Highway Grandview, MO 64030 Plant: Same Address	07388
Electronic Transformer Corp. 460 Totowa Avenue Paterson, NJ 07509 Plant: Same Address	72149	Torwico Electronics, Inc. 410 Oberlin Avenue South Lakewood, NJ 08701 Plant: Same Address	02640
Espey Manufacturing & Electronics Corp. 223-239 Ballston Avenue Saratoga Springs, NY 12866-4724 Plant: Same Address	20950	Trans American Transformer, Inc. 27 Hulse Road East Setauket, NY 11733 Plant: Same Address	
EWC, Inc. 725 Federal Avenue Kenilworth, NJ 07033 Plant: Same Address	15387	Vanguard Electronics, Inc. 1480 W. 178th Street Gardena, CA 90248-3277 Plant: Same Address	03550
Fernwood Transformer Company 560 Independence Street Belvedere, NJ 07823 Plant: Same Address	38657	WEMS Electronics Zenith Transformer Group 4650 W. Rosecrans Avenue Hawthorne, CA 90250-0528 Plant: Same Address	26543
Robert M. Hadley Company, Inc. 750 West 51st Street Los Angeles, CA 90037 Plant: Same Address	72964		