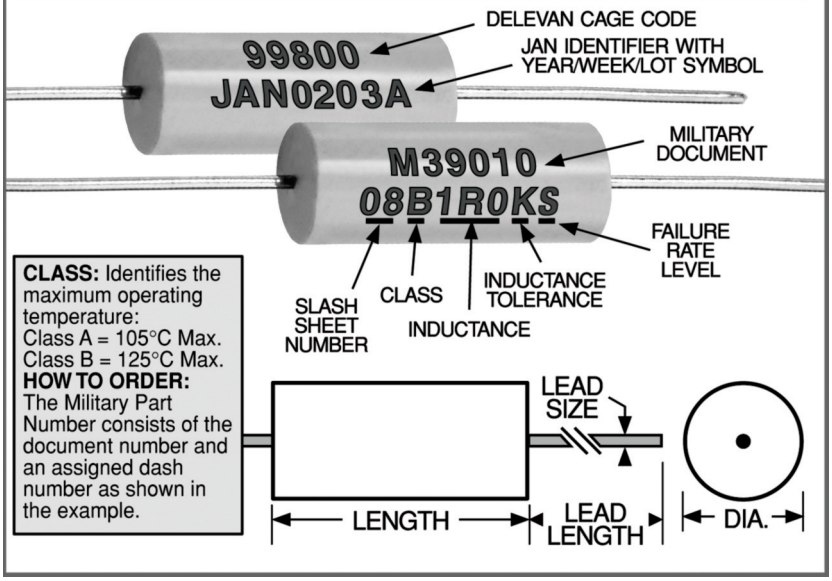
ER SERIES MIL-PRF-39010

Established Reliability Inductors

Physical Parameters and Environmental Characteristics	ER1641			ER1840		ER1537		ER1025		
	MIL-PRF-39010/01	MIL-PRF-39010/02	MIL-PRF-39010/03	MIL-PRF-39010/04	MIL-PRF-39010/05	MIL-PRF-39010/06	MIL-PRF-39010/07	MIL-PRF-39010/08	MIL-PRF-39010/09	MIL-PRF-39010/10
Inductance Range, µH	0.10 to 0.82	0.91 to 12.0	15 to 1000	0.15 to 2.7	3.0 to 27.0	0.15 to 4.7	5.1 to 240.0	0.10 to 1.00	1.1 to 27.0	30 to 1000
Core Material	Phenolic	Iron	Ferrite	Phenolic	Iron	Phenolic	Iron	Phenolic	Iron	Ferrite
Sleeve	Iron	Iron	Ferrite	—	—	—	—	—	—	—
Length, Inches	0.410 ±0.020	0.410 ±0.020	0.410 ±0.020	0.437 ±0.01	0.437 ±0.01	0.375 ±0.010	0.375 ±0.010	0.250 ±0.010	0.250 ±0.010	0.250 ±0.010
Millimeters	10.41 ±0.51	10.41 ±0.51	10.41 ±0.51	11.10 ±0.25	11.10 ±0.25	9.53 ±0.25	9.53 ±0.25	6.35 ±0.25	6.35 ±0.25	6.35 ±0.25
Diameter, Inches	0.162 ±0.010	0.162 ±0.010	0.162 ±0.010	0.187 ±0.010	0.187 ±0.010	0.156 ±0.010	0.156 ±0.010	0.095 ±0.010	0.095 ±0.010	0.095 ±0.010
Millimeters	4.11 ±0.25	4.11 ±0.25	4.11 ±0.25	4.75 ±0.25	4.75 ±0.25	3.96 ±0.25	3.96 ±0.25	2.41 ±0.25	2.41 ±0.25	2.41 ±0.25
Lead Size — AWG #	#22 TCW	#22 TCW	#22 TCW	#22 TCW	#22 TCW	#22 TCW	#22 TCW	#24 TCW	#24 TCW	#24 TCW
Inches	0.025 ±0.002	0.025 ±0.002	0.025 ±0.002	0.025 ±0.002	0.025 ±0.002	0.025 ±0.002	0.025 ±0.002	0.020 ±0.0015	0.020 ±0.0015	0.020 ±0.0015
Millimeters	0.635 ±0.051	0.635 ±0.051	0.635 ±0.051	0.635 ±0.051	0.635 ±0.051	0.635 ±0.051	0.635 ±0.051	0.51 ±0.04	0.51 ±0.04	0.51 ±0.04
Lead Length, Inches	1.438 ±0.188	1.438 ±0.188	1.438 ±0.188	1.438 ±0.188	1.438 ±0.188	1.438 ±0.188	1.438 ±0.188	1.438 ±0.188	1.438 ±0.188	1.438 ± 0.188
Millimeters	36.53 ± 4.77	36.53 ± 4.77	36.53 ± 4.77	36.58 ± 3.05	36.58 ± 3.05	36.53 ± 4.77	36.53 ± 4.77	36.53 ± 4.77	36.53 ± 4.77	36.53 ± 4.77
Weight Max. (Grams)	0.85	1.0	1.0	0.95	0.95	0.9	0.9	0.3	0.3	0.3
Current Rating at 90°C, Max. Rise °C	15	15	15	35	15	35	15	35	15	15
Operating Temp. °C	–55 to +105	–55 to +105	–55 to +105	–55 to +125	–55 to +105	–55 to +125	–55 to +105	–55 to +125	–55 to +105	–55 to +105
Max. Power Dissipation at 90°C, Watts	0.11	0.11	0.11	0.385	0.385	0.312	0.134	0.21	0.09	0.073
Coupling	3% Max.	3% Max.	3% Max.	—	—	—	—	—	—	—
Body Color	Black	Black	Black	Tan	Tan	Tan	Tan	Tan	Tan	Tan

MARKING EXAMPLE & ORDERING INFORMATION

M	39010/08	B	1R0	K *	S *
Military designator	Document sheet number	Class	Inductance	Inductance Tolerance	Failure rate level



CLASS: Identifies the maximum operating temperature:
Class A = 105°C Max.
Class B = 125°C Max.
HOW TO ORDER: The Military Part Number consists of the document number and an assigned dash number as shown in the example.

MIL-PRF-39010 Molded RF Coils with Sn10 high-temperature solder for internal connections.
Approved Through Failure Rate Level S

Note The complete Military dash numbers will include two additional letters, indicated in the tables on the following three pages by **. The first additional letter will indicate tolerance:
J indicates ± 5%; K indicates ± 10%;
L indicates ± 20%.

The second letter will indicate the failure rate (e.g., M, P, R, S).

Packaging Tape & reel
ER1025: 12" reel, 3500 pieces max.; 14" reel, 6000 pieces max.
ER1537 and ER1641: 12" reel, 2500 pieces max.; 14" reel, 4000 pieces max.
ER1840: 12" reel, 2500 pieces max.; 14" reel, 3000 pieces max. For additional packaging options, see technical section.

Made in the U.S.A.

CONTINUED ON NEXT PAGE

API Delevan®

ER SERIES (continued)

DELEVAN PART NUMBER	DASH NUMBER	MILITARY	INDUCTANCE (µH)	IND. TOLERANCE (%)	TEST FREQUENCY (MHz)	Q MINIMUM	SRF MINIMUM (MHz)	MAXIMUM (OHMS @ 25°C) DC RESISTANCE	RATED DC CURRENT (mA)
MIL-PRF-39010/01									
ER1641-101**	AR10**		0.10	5,10	50	25.0	250	0.025	1,790
ER1641-111**	AR11**		0.11	5	50	25.0	250	0.034	1,530
ER1641-121**	AR12**		0.12	5,10	50	25.0	250	0.034	1,530
ER1641-131**	AR13**		0.13	5	50	25.0	250	0.037	1,470
ER1641-151**	AR15**		0.15	5,10	50	25.0	250	0.037	1,470
ER1641-161**	AR16**		0.16	5	50	25.0	250	0.047	1,300
ER1641-181**	AR18**		0.18	5,10	50	25.0	250	0.047	1,300
ER1641-201**	AR20**		0.20	5	49	25.0	250	0.067	1,100
ER1641-221**	AR22**		0.22	5,10	49	25.0	250	0.067	1,100
ER1641-241**	AR24**		0.24	5	47	25.0	250	0.110	853
ER1641-271**	AR27**		0.27	5,10	47	25.0	250	0.110	853
ER1641-301**	AR30**		0.30	5	46	25.0	250	0.130	780
ER1641-331**	AR33**		0.33	5,10	46	25.0	250	0.130	780
ER1641-361**	AR36**		0.36	5	44	25.0	250	0.180	670
ER1641-391**	AR39**		0.39	5,10	44	25.0	250	0.180	670
ER1641-431**	AR43**		0.43	5	44	25.0	235	0.250	565
ER1641-471**	AR47**		0.47	5,10	44	25.0	235	0.250	565
ER1641-511**	AR51**		0.51	5	43	25.0	210	0.330	490
ER1641-561**	AR56**		0.56	5,10	43	25.0	210	0.330	490
ER1641-621**	AR62**		0.62	5	42	25.0	190	0.450	420
ER1641-681**	AR68**		0.68	5,10	42	25.0	190	0.450	420
ER1641-751**	AR75**		0.75	5	40	25.0	180	0.590	370
ER1641-821**	AR82**		0.82	5,10	40	25.0	180	0.590	370
MIL-PRF-39010/02									
ER1641-911**	AR91**		0.91	5	44	25.0	140	0.070	1,070
ER1641-102**	A1R0**		1.00	5,10	44	25.0	140	0.070	1,070
ER1641-112**	A1R1**		1.10	5	44	7.9	130	0.100	895
ER1641-122**	A1R2**		1.20	5,10	44	7.9	130	0.100	895
ER1641-132**	A1R3**		1.30	5	44	7.9	115	0.120	815
ER1641-152**	A1R5**		1.50	5,10	44	7.9	115	0.120	815
ER1641-162**	A1R6**		1.60	5	44	7.9	105	0.140	755
ER1641-182**	A1R8**		1.80	5,10	44	7.9	105	0.140	755
ER1641-202**	A2R0**		2.00	5	44	7.9	100	0.190	650
ER1641-222**	A2R2**		2.20	5,10	44	7.9	100	0.190	650
ER1641-242**	A2R4**		2.40	5	44	7.9	92	0.280	535
ER1641-272**	A2R7**		2.70	5,10	44	7.9	92	0.280	535
ER1641-302**	A3R0**		3.00	5	44	7.9	85	0.350	480
ER1641-332**	A3R3**		3.30	5,10	44	7.9	85	0.350	480
ER1641-362**	A3R6**		3.60	5	44	7.9	75	0.400	450
ER1641-392**	A3R9**		3.90	5,10	44	7.9	75	0.400	450
ER1641-432**	A4R3**		4.30	5	44	7.9	70	0.550	380
ER1641-472**	A4R7**		4.70	5,10	44	7.9	70	0.550	380
ER1641-512**	A5R1**		5.10	5	44	7.9	65	0.720	335
ER1641-562**	A5R6**		5.60	5,10	44	7.9	65	0.720	335
ER1641-622**	A6R2**		6.20	5	44	7.9	55	1.020	280
ER1641-682**	A6R8**		6.80	5,10	50	7.9	55	1.020	280
ER1641-752**	A7R5**		7.50	5	50	7.9	50	1.320	245
ER1641-822**	A8R2**		8.20	5,10	50	7.9	50	1.320	245
ER1641-912**	A9R1**		9.10	5	50	7.9	46	1.620	220
ER1641-103**	A100**		10.00	5,10	50	7.9	46	1.620	220
ER1641-113**	A110**		11.00	5	50	2.5	44	2.000	200
ER1641-123**	A120**		12.00	5,10	50	2.5	44	2.000	200
MIL-PRF-39010/03									
ER1641-153**	A150**		15	5,10	45	2.50	49.0	0.80	315
ER1641-163**	A160**		16	5	45	2.50	45.0	0.89	300
ER1641-183**	A180**		18	5,10	45	2.50	45.0	0.89	300
ER1641-203**	A200**		20	5	45	2.50	41.0	0.96	290
ER1641-223**	A220**		22	5,10	45	2.50	41.0	0.96	290
ER1641-243**	A240**		24	5	45	2.50	38.0	1.19	260
ER1641-273**	A270**		27	5,10	45	2.50	38.0	1.19	260
ER1641-303**	A300**		30	5	45	2.50	34.0	1.37	240
ER1641-333**	A330**		33	5,10	45	2.50	34.0	1.37	240
ER1641-363**	A360**		36	5	45	2.50	29.0	1.93	205
ER1641-393**	A390**		39	5,10	50	2.50	29.0	1.93	205
ER1641-433**	A430**		43	5	50	2.50	27.0	2.11	195
ER1641-473**	A470**		47	5,10	50	2.50	27.0	2.11	195
ER1641-513**	A510**		51	5	50	2.50	25.0	2.23	190
ER1641-563**	A560**		56	5,10	50	2.50	25.0	2.23	190
MIL-PRF-39010/03 (continued)									
ER1641-623**	A620**		62	5	50	2.50	21.0	2.44	180
ER1641-683**	A680**		68	5,10	50	2.50	21.0	2.44	180
ER1641-753**	A750**		75	5	50	2.50	10.5	2.70	170
ER1641-823**	A820**		82	5,10	50	2.50	10.5	2.70	170
ER1641-913**	A910**		91	5	50	2.50	10.0	3.12	160
ER1641-104**	A101**		100	5,10	50	2.50	10.0	3.12	160
ER1641-114**	A111**		110	5	50	0.79	9.7	3.60	150
ER1641-124**	A121**		120	5,10	55	0.79	9.7	3.60	150
ER1641-134**	A131**		130	5	55	0.79	8.5	4.10	140
ER1641-154**	A151**		150	5,10	55	0.79	8.5	4.10	140
ER1641-164**	A161**		160	5	55	0.79	8.0	4.40	135
ER1641-184**	A181**		180	5,10	55	0.79	8.0	4.40	135
ER1641-204**	A201**		200	5	55	0.79	7.5	5.00	125
ER1641-224**	A221**		220	5,10	55	0.79	7.5	5.00	125
ER1641-244**	A241**		240	5	55	0.79	7.0	5.80	115
ER1641-274**	A271**		270	5,10	55	0.79	7.0	5.80	115
ER1641-304**	A301**		300	5	55	0.79	6.5	6.40	110
ER1641-334**	A331**		330	5,10	55	0.79	6.5	6.40	110
ER1641-364**	A361**		360	5	55	0.79	6.2	7.40	105
ER1641-394**	A391**		390	5,10	60	0.79	6.2	7.40	105
ER1641-434**	A431**		430	5	60	0.79	5.7	9.50	92
ER1641-474**	A471**		470	5,10	60	0.79	5.7	9.50	92
ER1641-514**	A511**		510	5	60	0.79	4.7	10.50	90
ER1641-564**	A561**		560	5,10	60	0.79	4.7	10.50	90
ER1641-624**	A621**		620	5	60	0.79	4.5	11.80	80
ER1641-684**	A681**		680	5,10	60	0.79	4.5	11.80	80
ER1641-754**	A751**		750	5	60	0.79	4.2	13.00	80
ER1641-824**	A821**		820	5,10	60	0.79	4.2	13.00	80
ER1641-914**	A911**		910	5	60	0.79	3.8	17.50	70
ER1641-105**	A102**		1,000	5,10	60	0.79	3.8	17.50	70
MIL-PRF-39010/04									
ER1840-00**	BR15**		0.15	5,10,20	55	25.0	510	0.030	2,900
ER1840-101**	BR16**		0.16	5	50	25.0	415	0.035	2,700
ER1840-01**	BR18**		0.18	5,10	50	25.0	415	0.035	2,700
ER1840-102**	BR20**		0.20	5	50	25.0	415	0.035	2,700
ER1840-02**	BR22**		0.22	5,10,20	50	25.0	415	0.035	2,700
ER1840-103**	BR24**		0.24	5	50	25.0	350	0.065	2,000
ER1840-03**	BR27**		0.27	5,10	50	25.0	350	0.065	2,000
ER1840-104**	BR30**		0.30	5	50	25.0	350	0.065	2,000
ER1840-04**	BR33**		0.33	5,10,20	50	25.0	350	0.065	2,000
ER1840-105**	BR36**		0.36	5	50	25.0	300	0.085	1,700
ER1840-05**	BR39**		0.39	5,10	50	25.0	300	0.085	1,700
ER1840-106**	BR43**		0.43	5	50	25.0	300	0.085	1,700
ER1840-06**	BR47**		0.47	5,10,20	50	25.0	300	0.085	1,700
ER1840-107**	BR51**		0.51	5	50	25.0	270	0.125	1,450
ER1840-07**	BR56**		0.56	5,10	50	25.0	270	0.125	1,450
ER1840-108**	BR62**		0.62	5	45	25.0	250	0.150	1,300
ER1840-08**	BR68**		0.68	5,10	45	25.0	250	0.150	1,300
ER1840-109**	BR75**		0.75	5	40	25.0	210	0.205	1,100
ER1840-09**	BR82**		0.82	5,10	40	25.0	210	0.205	1,100
ER1840-110**	BR91**		0.91	5	40	25.0	200	0.290	930
ER1840-10**	B1R0**		1.00	5,10	40	25.0	200	0.290	930
ER1840-111**	B1R1**		1.10	5	30	7.9	180	0.400	785
ER1840-11**	B1R2**		1.20	5,10	30	7.9	180	0.400	785
ER1840-112**	B1R3**		1.30	5	30	7.9	170	0.485	720
ER1840-12**	B1R5**		1.50	5,10	30	7.9	170	0.485	720
ER1840-113**	B1R6**		1.60	5	30	7.9	150	0.740	580
ER1840-13**	B1R8**		1.80	5,10	30	7.9	150	0.740	580
ER1840-114**	B2R0**		2.00	5	30	7.9	140	0.970	505
ER1840-14**	B2R2**		2.20	5,10	30	7.9	140	0.970	505
ER1840-15**	B2R4**		2.40	5	30	7.9	120	1.200	460
ER1840-16**	B2R7**		2.70	5,10	30	7.9	120	1.200	460

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API Delevan®

ER SERIES (continued)

DELEVAN PART NUMBER	DASH NUMBER	MILITARY	INDUCTANCE (µH)	IND. TOLERANCE (%)	TEST FREQUENCY (MHz)	Q MINIMUM	SRF MINIMUM (MHz)	MAXIMUM (OHMS @ 25°C)	DC RESISTANCE	RATED DC CURRENT (mA)
MIL-PRF-39010/05										
ER1840-17**	A3R0**	3.00	5	30	7.9	70	0.140	945		
ER1840-18**	A3R3**	3.30	5,10	30	7.9	70	0.140	945		
ER1840-19**	A3R6**	3.60	5	30	7.9	65	0.155	870		
ER1840-20**	A3R9**	3.90	5,10	30	7.9	65	0.155	870		
ER1840-21**	A4R3**	4.30	5	30	7.9	60	0.210	745		
ER1840-22**	A4R7**	4.70	5,10	30	7.9	60	0.210	745		
ER1840-23**	A5R1**	5.10	5	30	7.9	50	0.280	645		
ER1840-24**	A5R6**	5.60	5,10	30	7.9	50	0.280	645		
ER1840-25**	A6R2**	6.20	5	30	7.9	50	0.375	560		
ER1840-26**	A6R8**	6.80	5,10	30	7.9	50	0.375	560		
ER1840-27**	A7R5**	7.50	5	30	7.9	48	0.440	520		
ER1840-28**	A8R2**	8.20	5,10	30	7.9	48	0.440	520		
ER1840-29**	A9R1**	9.10	5	30	7.9	42	0.605	440		
ER1840-30**	A100**	10.0	5,10	30	7.9	42	0.605	440		
ER1840-31**	A110**	11.0	5	30	2.5	36	1.05	335		
ER1840-32**	A120**	12.0	5,10	50	2.5	36	1.05	335		
ER1840-33**	A130**	13.0	5	50	2.5	30	1.20	310		
ER1840-34**	A150**	15.0	5,10	55	2.5	30	1.20	310		
ER1840-135**	A160**	16.0	5	55	2.5	30	1.95	245		
ER1840-35**	A180**	18.0	5,10	60	2.5	30	1.95	245		
ER1840-136**	A200**	20.0	5	60	2.5	24	2.20	230		
ER1840-36**	A220**	22.0	5,10	60	2.5	24	2.20	230		
ER1840-37**	A240**	24.0	5	60	2.5	22	2.75	205		
ER1840-38**	A270**	27.0	5,10	65	2.5	22	2.75	205		
MIL-PRF-39010/06										
ER1537-00**	BR15**	0.15	5,10,20	50	25.0	525	0.030	2,450		
ER1537-101**	BR16**	0.16	5	50	25.0	460	0.055	1,810		
ER1537-01**	BR18**	0.18	5,10	50	25.0	460	0.055	1,810		
ER1537-102**	BR20**	0.20	5	50	25.0	460	0.055	1,810		
ER1537-02**	BR22**	0.22	5,10,20	50	25.0	460	0.055	1,810		
ER1537-103**	BR24**	0.24	5	45	25.0	360	0.090	1,400		
ER1537-03**	BR27**	0.27	5,10	45	25.0	360	0.090	1,400		
ER1537-104**	BR30**	0.30	5	45	25.0	360	0.090	1,400		
ER1537-04**	BR33**	0.33	5,10,20	45	25.0	360	0.090	1,400		
ER1537-105**	BR36**	0.36	5	45	25.0	310	0.12	1,225		
ER1537-05**	BR39**	0.39	5,10	45	25.0	310	0.12	1,225		
ER1537-106**	BR43**	0.43	5	45	25.0	310	0.12	1,225		
ER1537-06**	BR47**	0.47	5,10,20	45	25.0	310	0.12	1,225		
ER1537-107**	BR51**	0.51	5	45	25.0	280	0.135	1,150		
ER1537-07**	BR56**	0.56	5,10	50	25.0	280	0.135	1,150		
ER1537-108**	BR62**	0.62	5	50	25.0	250	0.150	1,100		
ER1537-08**	BR68**	0.68	5,10	50	25.0	250	0.150	1,100		
ER1537-09**	BR75**	0.75	5	50	25.0	220	0.220	900		
ER1537-10**	BR82**	0.82	5,10	50	25.0	220	0.220	900		
ER1537-11**	BR91**	0.91	5	50	25.0	200	0.290	785		
ER1537-12**	B1R0**	1.00	5,10	50	25.0	200	0.290	785		
ER1537-13**	B1R1**	1.10	5	33	7.9	180	0.420	650		
ER1537-14**	B1R2**	1.20	5,10	33	7.9	180	0.420	650		
ER1537-15**	B1R3**	1.30	5	33	7.9	160	0.500	600		
ER1537-16**	B1R5**	1.50	5,10	33	7.9	160	0.500	600		
ER1537-17**	B1R6**	1.60	5	33	7.9	150	0.650	525		
ER1537-18**	B1R8**	1.80	5,10	33	7.9	150	0.650	525		
ER1537-19**	B2R0**	2.00	5	33	7.9	135	0.950	435		
ER1537-20**	B2R2**	2.20	5,10	33	7.9	135	0.950	435		
ER1537-21**	B2R4**	2.40	5	33	7.9	120	1.20	385		
ER1537-22**	B2R7**	2.70	5,10	33	7.9	120	1.20	385		
ER1537-23**	B3R0**	3.00	5	33	7.9	110	2.00	300		
ER1537-24**	B3R3**	3.30	5,10	33	7.9	110	2.00	300		
ER1537-25**	B3R6**	3.60	5	33	7.9	100	2.30	280		
ER1537-26**	B3R9**	3.90	5,10	33	7.9	100	2.30	280		
ER1537-27**	B4R3**	4.30	5	33	7.9	90	2.60	260		
ER1537-28**	B4R7**	4.70	5,10	33	7.9	90	2.60	260		

DELEVAN PART NUMBER	DASH NUMBER	MILITARY	INDUCTANCE (µH)	IND. TOLERANCE (%)	TEST FREQUENCY (MHz)	Q MINIMUM	SRF MINIMUM (MHz)	MAXIMUM (OHMS @ 25°C)	DC RESISTANCE	RATED DC CURRENT (mA)
MIL-PRF-39010/07										
ER1537-29**	A5R1**	5.1	5	45	7.90	60.0	0.32	495		
ER1537-30**	A5R6**	5.6	5,10	45	7.90	60.0	0.32	495		
ER1537-31**	A6R2**	6.2	5	45	7.90	55.0	0.50	395		
ER1537-32**	A6R8**	6.8	5,10	50	7.90	55.0	0.50	395		
ER1537-33**	A7R5**	7.5	5	50	7.90	50.0	0.60	360		
ER1537-34**	A8R2**	8.2	5,10	50	7.90	50.0	0.60	360		
ER1537-35**	A9R1**	9.1	5	50	7.90	45.0	0.90	290		
ER1537-36**	A100**	10.0	5,10	55	7.90	45.0	0.90	290		
ER1537-37**	A110**	11.0	5	55	2.50	42.0	1.10	265		
ER1537-38**	A120**	12.0	5,10	65	2.50	42.0	1.10	265		
ER1537-39**	A130**	13.0	5	65	2.50	40.0	1.40	240		
ER1537-40**	A150**	15.0	5,10	65	2.50	40.0	1.40	240		
ER1537-41**	A160**	16.0	5	65	2.50	34.0	2.25	185		
ER1537-42**	A180**	18.0	5,10	75	2.50	34.0	2.25	185		
ER1537-43**	A200**	20.0	5	75	2.50	30.0	2.50	175		
ER1537-44**	A220**	22.0	5,10	75	2.50	30.0	2.50	175		
ER1537-46**	A240**	24.0	5	60	2.50	25.0	2.60	170		
ER1537-48**	A270**	27.0	5,10	60	2.50	25.0	2.60	170		
ER1537-50**	A300**	30.0	5	60	2.50	19.0	3.00	165		
ER1537-52**	A330**	33.0	5,10	65	2.50	19.0	3.00	165		
ER1537-54**	A360**	36.0	5	60	2.50	15.5	2.50	180		
ER1537-56**	A390**	39.0	5	60	2.50	14.5	2.60	176		
ER1537-58**	A430**	43.0	5	60	2.50	13.7	2.70	172		
ER1537-60**	A470**	47.0	5	55	2.50	13.0	2.75	170		
ER1537-62**	A510**	51.0	5	55	2.50	12.7	2.85	167		
ER1537-64**	A560**	56.0	5	55	2.50	12.0	3.00	164		
ER1537-66**	A620**	62.0	5	55	2.50	11.5	3.15	160		
ER1537-68**	A680**	68.0	5	55	2.50	11.0	3.30	156		
ER1537-70**	A750**	75.0	5	55	2.50	10.5	3.70	147		
ER1537-72**	A820**	82.0	5	50	2.50	10.3	3.90	143		
ER1537-74**	A910**	91.0	5	50	2.50	10.0	4.30	136		
ER1537-76**	A101**	100.0	5	50	2.50	9.50	4.50	133		
ER1537-78**	A111**	110.0	5	60	0.79	8.90	4.90	128		
ER1537-80**	A121**	120.0	5	65	0.79	8.70	5.20	124		
ER1537-82**	A131**	130.0	5	65	0.79	8.50	5.45	121		
ER1537-84**	A151**	150.0	5	65	0.79	8.00	6.05	114		
ER1537-86**	A161**	160.0	5	65	0.79	7.50	6.40	111		
ER1537-88**	A181**	180.0	5	65	0.79	7.00	6.75	108		
ER1537-90**	A201**	200.0	5	65	0.79	6.50	7.10	106		
ER1537-92**	A221**	220.0	5	65	0.79	6.20	7.45	103		
ER1537-94**	A241**	240.0	5	65	0.79	5.90	7.80	101		
MIL-PRF-39010/08										
ER1025-94**	BR10**	0.10	5,10	40	25.0	680	0.08	1,350		
ER1025-95**	BR11**	0.11	5	40	25.0	640	0.09	1,270		
ER1025-96**	BR12**	0.12	5,10	40	25.0	640	0.09	1,270		
ER1025-97**	BR13**	0.13	5	38	25.0	600	0.10	1,200		
ER1025-00**	BR15**	0.15	5,10	38	25.0	600	0.10	1,200		
ER1025-01**	BR16**	0.16	5	35	25.0	550	0.12	1,105		
ER1025-02**	BR18**	0.18	5,10	35	25.0	550	0.12	1,105		
ER1025-03**	BR20**	0.20	5	33	25.0	510	0.14	1,025		
ER1025-04**	BR22**	0.22	5,10	33	25.0	510	0.14	1,025		
ER1025-05**	BR24**	0.24	5	33	25.0	430	0.16	960		
ER1025-06**	BR27**	0.27	5,10	33	25.0	430	0.16	960		
ER1025-07**	BR30**	0.30	5	30	25.0	410	0.22	815		
ER1025-08**	BR33**	0.33	5,10	30	25.0	410	0.22	815		
ER1025-09**	BR36**	0.36	5	30	25.0	365	0.30	700		
ER1025-10**	BR39**	0.39	5,10	30	25.0	365	0.30	700		
ER1025-11**	BR43**	0.43	5	30	25.0	330	0.35	650		
ER1025-12**	BR47**	0.47	5,10	30	25.0	330	0.35	650		
ER1025-13**	BR51**	0.51	5	30	25.0	300	0.50	545		
ER1025-14**	BR56**	0.56	5,10	30	25.0	300	0.50	545		
ER1025-15**	BR62**	0.62	5	28	25.0	275	0.60	495		
ER1025-16**	BR68**	0.68	5,10	28	25.0	275	0.60	495		
ER1025-17**	BR75**	0.75	5	28	25.0	250	0.85	415		
ER1025-18**	BR82**	0.82	5,10	28	25.0	250	0.85	415		
ER1025-19**	BR91**	0.91	5	25	25.0	230	1.00	385		
ER1025-20**	B1R0**	1.00	5,10	25	25.0	230	1.00	385		

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ER SERIES (continued)

DELEVAN PART NUMBER	DASH NUMBER	MILITARY INDUCTANCE (µH)	IND. TOLERANCE (%)	TEST FREQUENCY (MHz)	Q MINIMUM	SRF MINIMUM (MHz)	MAXIMUM (OHMS @ 25°C) DC RESISTANCE	RATED DC CURRENT (mA)
MIL-PRF-39010/09								
ER1025-21**	A1R1**	1.1	5	25	7.9	150	0.18	590
ER1025-22**	A1R2**	1.2	5,10	25	7.9	150	0.18	590
ER1025-23**	A1R3**	1.3	5	25	7.9	140	0.22	535
ER1025-24**	A1R5**	1.5	5,10	28	7.9	140	0.22	535
ER1025-25**	A1R6**	1.6	5	28	7.9	125	0.30	455
ER1025-26**	A1R8**	1.8	5,10	30	7.9	125	0.30	455
ER1025-27**	A2R0**	2.0	5	30	7.9	115	0.40	395
ER1025-28**	A2R2**	2.2	5,10	30	7.9	115	0.40	395
ER1025-29**	A2R4**	2.4	5	30	7.9	100	0.55	335
ER1025-30**	A2R7**	2.7	5,10	37	7.9	100	0.55	335
ER1025-31**	A3R0**	3.0	5	37	7.9	90	0.85	270
ER1025-32**	A3R3**	3.3	5,10	45	7.9	90	0.85	270
ER1025-33**	A3R6**	3.6	5	45	7.9	80	1.00	250
ER1025-34**	A3R9**	3.9	5,10	45	7.9	80	1.00	250
ER1025-35**	A4R3**	4.3	5	45	7.9	75	1.20	230
ER1025-36**	A4R7**	4.7	5,10	45	7.9	75	1.20	230
ER1025-37**	A5R1**	5.1	5	45	7.9	65	1.80	185
ER1025-38**	A5R6**	5.6	5,10	50	7.9	65	1.80	185
ER1025-39**	A6R2**	6.2	5	50	7.9	60	2.00	175
ER1025-40**	A6R8**	6.8	5,10	50	7.9	60	2.00	175
ER1025-41**	A7R5**	7.5	5	50	7.9	55	2.70	155
ER1025-42**	A8R2**	8.2	5,10	55	7.9	55	2.70	155
ER1025-43**	A9R1**	9.1	5	55	7.9	50	3.70	130
ER1025-44**	A100**	10.0	5,10	55	7.9	50	3.70	130
ER1025-45**	A110**	11.0	5	45	2.5	40	2.70	130
ER1025-46**	A120**	12.0	5,10	45	2.5	40	2.70	155
ER1025-47**	A130**	13.0	5	40	2.5	35	2.80	150
ER1025-48**	A150**	15.0	5,10	40	2.5	35	2.80	150
ER1025-49**	A160**	16.0	5	40	2.5	30	3.10	145
ER1025-50**	A180**	18.0	5,10	50	2.5	30	3.10	145
ER1025-51**	A200**	20.0	5	50	2.5	25	3.30	140
ER1025-52**	A220**	22.0	5,10	50	2.5	25	3.30	140
ER1025-53**	A240**	24.0	5	50	2.5	20	3.50	135
ER1025-54**	A270**	27.0	5,10	50	2.5	20	3.50	135

DELEVAN PART NUMBER	DASH NUMBER	MILITARY INDUCTANCE (µH)	IND. TOLERANCE (%)	TEST FREQUENCY (MHz)	Q MINIMUM	SRF MINIMUM (MHz)	MAXIMUM (OHMS @ 25°C) DC RESISTANCE	RATED DC CURRENT (mA)
MIL-PRF-39010/10								
ER1025-55**	A300**	30.0	5	45	2.50	24	3.4	130
ER1025-56**	A330**	33.0	5,10	45	2.50	24	3.4	130
ER1025-57**	A360**	36.0	5	45	2.50	22	3.6	125
ER1025-58**	A390**	39.0	5,10	45	2.50	22	3.6	125
ER1025-59**	A430**	43.0	5	45	2.50	20	4.5	110
ER1025-60**	A470**	47.0	5,10	45	2.50	20	4.5	110
ER1025-61**	A510**	51.0	5	45	2.50	18	5.7	100
ER1025-62**	A560**	56.0	5,10	45	2.50	18	5.7	100
ER1025-63**	A620**	62.0	5	45	2.50	15	6.7	92
ER1025-64**	A680**	68.0	5,10	50	2.50	15	6.7	92
ER1025-65**	A750**	75.0	5	50	2.50	14	7.3	88
ER1025-66**	A820**	82.0	5,10	50	2.50	14	7.3	88
ER1025-67**	A910**	91.0	5	50	2.50	13	8.0	84
ER1025-68**	A101**	100	5,10	50	2.50	13	8.0	84
ER1025-69**	A111**	110	5	30	0.79	12	13.0	66
ER1025-70**	A121**	120	5,10	30	0.79	12	13.0	66
ER1025-71**	A131**	130	5	30	0.79	11	15.0	61
ER1025-72**	A151**	150	5,10	30	0.79	11	15.0	61
ER1025-73**	A161**	160	5	30	0.79	10	17.0	57
ER1025-74**	A181**	180	5,10	30	0.79	10	17.0	57
ER1025-75**	A201**	200	5	30	0.79	9.0	21.0	52
ER1025-76**	A221**	220	5,10	30	0.79	9.0	21.0	52
ER1025-77**	A241**	240	5	30	0.79	8.0	25.0	47
ER1025-78**	A271**	270	5,10	30	0.79	8.0	25.0	47
ER1025-79**	A301**	300	5	30	0.79	7.0	28.0	45
ER1025-80**	A331**	330	5,10	30	0.79	7.0	28.0	45
ER1025-81**	A361**	360	5	30	0.79	6.5	35.0	40
ER1025-82**	A391**	390	5,10	30	0.79	6.5	35.0	40
ER1025-83**	A431**	430	5	30	0.79	6.0	42.0	36
ER1025-84**	A471**	470	5,10	30	0.79	6.0	42.0	36
ER1025-85**	A511**	510	5	30	0.79	5.0	46.0	35
ER1025-86**	A561**	560	5,10	30	0.79	5.0	46.0	35
ER1025-87**	A621**	620	5	30	0.79	4.0	60.0	30
ER1025-88**	A681**	680	5,10	30	0.79	4.0	60.0	30
ER1025-89**	A751**	750	5	30	0.79	3.8	65.0	29
ER1025-90**	A821**	820	5,10	30	0.79	3.8	65.0	29
ER1025-91**	A911**	910	5	30	0.79	3.4	72.0	28
ER1025-92**	A102**	1,000	5,10	30	0.79	3.4	72.0	28