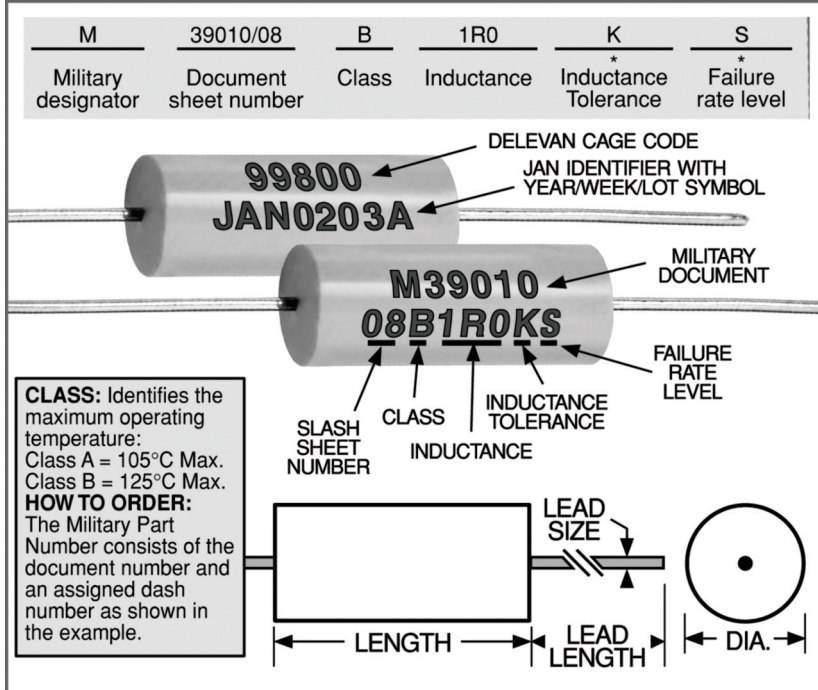


Established Reliability Inductors

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



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 $\pm 5\%$; K indicates $\pm 10\%$; L indicates $\pm 20\%$.

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

ER SERIES (continued)

DELEVAN PART NUMBER	DASH NUMBER	MILITARY	INDUCTANCE (μH)	IND. TOLERANCE (%)	TEST FREQUENCY (MHz)	Q MINIMUM	SRF MINIMUM (MHz)	DC RESISTANCE (OHMS @ 25°C)	CURRENT (mA)	RATED DC
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		

DELEVAN PART NUMBER	DASH NUMBER	MILITARY	INDUCTANCE (μH)	IND. TOLERANCE (%)	TEST FREQUENCY (MHz)	Q MINIMUM	SRF MINIMUM (MHz)	DC RESISTANCE (OHMS @ 25°C)	CURRENT (mA)	RATED DC
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		

ER SERIES (continued)

DELEVAN PART NUMBER	DASH NUMBER	MILITARY	INDUCTANCE (μH)	IND. TOLERANCE (%)	TEST FREQUENCY (MHz)	SRF MINIMUM (MHz)	DC RESISTANCE (OHMS @ 25°C)	CURRENT (mA)	RATED DC
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)	SRF MINIMUM (MHz)	DC RESISTANCE (OHMS @ 25°C)	CURRENT (mA)	RATED DC
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	

CONTINUED ON NEXT PAGE

ER SERIES (continued)

DELEVAN PART NUMBER	MILITARY DASH NUMBER	INDUCTANCE (μH)	IND. TOLERANCE (%)	Q MINIMUM	SRF MINIMUM (MHz)	MAXIMUM (OHMS @ 25°C)	DC RESISTANCE (OHMS @ 25°C)	CURRENT (mA)	RATED DC
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	MILITARY DASH NUMBER	INDUCTANCE (μH)	IND. TOLERANCE (%)	Q MINIMUM	SRF MINIMUM (MHz)	MAXIMUM (OHMS @ 25°C)	DC RESISTANCE (OHMS @ 25°C)	CURRENT (mA)	RATED DC
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	