



## 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
<b>Inductance Range, <math>\mu</math>H</b>	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
<b>Core Material</b>	Phenolic	Iron	Ferrite	Phenolic	Iron	Phenolic	Iron	Phenolic	Iron	Ferrite
<b>Sleeve</b>	Iron	Iron	Ferrite	—	—	—	—	—	—	—
<b>Length, Inches</b>	0.410 $\pm 0.020$	0.410 $\pm 0.020$	0.410 $\pm 0.020$	0.437 $\pm 0.01$	0.437 $\pm 0.01$	0.375 $\pm 0.010$	0.375 $\pm 0.010$	0.250 $\pm 0.010$	0.250 $\pm 0.010$	0.250 $\pm 0.010$
Millimeters	10.41 $\pm 0.51$	10.41 $\pm 0.51$	10.41 $\pm 0.51$	11.10 $\pm 0.25$	11.10 $\pm 0.25$	9.53 $\pm 0.25$	9.53 $\pm 0.25$	6.35 $\pm 0.25$	6.35 $\pm 0.25$	6.35 $\pm 0.25$
<b>Diameter, Inches</b>	0.162 $\pm 0.010$	0.162 $\pm 0.010$	0.162 $\pm 0.010$	0.187 $\pm 0.010$	0.187 $\pm 0.010$	0.156 $\pm 0.010$	0.156 $\pm 0.010$	0.095 $\pm 0.010$	0.095 $\pm 0.010$	0.095 $\pm 0.010$
Millimeters	4.11 $\pm 0.25$	4.11 $\pm 0.25$	4.11 $\pm 0.25$	4.75 $\pm 0.25$	4.75 $\pm 0.25$	3.96 $\pm 0.25$	3.96 $\pm 0.25$	2.41 $\pm 0.25$	2.41 $\pm 0.25$	2.41 $\pm 0.25$
<b>Lead Size — AWG #</b>	#22 TCW	#22 TCW	#22 TCW	#22 TCW	#22 TCW	#22 TCW	#22 TCW	#24 TCW	#24 TCW	#24 TCW
Inches	0.025 $\pm 0.002$	0.025 $\pm 0.002$	0.025 $\pm 0.002$	0.025 $\pm 0.002$	0.025 $\pm 0.002$	0.025 $\pm 0.002$	0.025 $\pm 0.002$	0.020 $\pm 0.0015$	0.020 $\pm 0.0015$	0.020 $\pm 0.0015$
Millimeters	0.635 $\pm 0.051$	0.635 $\pm 0.051$	0.635 $\pm 0.051$	0.635 $\pm 0.051$	0.635 $\pm 0.051$	0.635 $\pm 0.051$	0.635 $\pm 0.051$	0.51 $\pm 0.04$	0.51 $\pm 0.04$	0.51 $\pm 0.04$
<b>Lead Length, Inches</b>	1.438 $\pm 0.188$	1.438 $\pm 0.188$	1.438 $\pm 0.188$	1.438 $\pm 0.188$	1.438 $\pm 0.188$	1.438 $\pm 0.188$	1.438 $\pm 0.188$	1.438 $\pm 0.188$	1.438 $\pm 0.188$	1.438 $\pm 0.188$
Millimeters	36.53 $\pm 4.77$	36.53 $\pm 4.77$	36.53 $\pm 4.77$	36.58 $\pm 3.05$	36.58 $\pm 3.05$	36.53 $\pm 4.77$	36.53 $\pm 4.77$	36.53 $\pm 4.77$	36.53 $\pm 4.77$	36.53 $\pm 4.77$
<b>Weight Max. (Grams)</b>	0.85	1.0	1.0	0.95	0.95	0.9	0.9	0.3	0.3	0.3
<b>Current Rating at 90°C, Max. Rise °C</b>	15	15	15	35	15	35	15	35	15	15
<b>Operating Temp. °C</b>	-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
<b>Max. Power Dissipation at 90°C, Watts</b>	0.11	0.11	0.11	0.385	0.385	0.312	0.134	0.21	0.09	0.073
<b>Coupling</b>	3% Max.	3% Max.	3% Max.	—	—	—	—	—	—	—
<b>Body Color</b>	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  $\pm 5\%$ ; 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 INDUCTION  
 INDUCTANCE (µH)  
 IND. TOLERANCE (%)  
 TEST FREQUENCY (MHz)  
 Q MINIMUM  
 SRF MINIMUM (MHz)  
 MAXIMUM (OHMS @ 25°C)  
 DC RESISTANCE (OHMS @ 25°C)  
 CURRENT (mA)  
 RATED DC

DELEVAN PART NUMBER  
 DASH NUMBER  
 MILITARY INDUCTION  
 INDUCTANCE (µH)  
 IND. TOLERANCE (%)  
 TEST FREQUENCY (MHz)  
 Q MINIMUM  
 SRF MINIMUM (MHz)  
 MAXIMUM (OHMS @ 25°C)  
 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

**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

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)  
 MAXIMUM (OHMS @ 25°C)  
 DC RESISTANCE (MHz)  
 CURRENT (mA)  
 RATED DC

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

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

DELEVAN PART NUMBER  
 DASH NUMBER  
 MILITARY  
 INDUCTANCE (µH)  
 IND. TOLERANCE (%)  
 Q MINIMUM  
 TEST FREQUENCY (MHz)  
 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

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



## X-ON Electronics

Largest Supplier of Electrical and Electronic Components

*Click to view similar products for [Fixed Inductors](#) category:*

*Click to view products by [API Delevan](#) manufacturer:*

Other Similar products are found below :

[CR43NP-680KC](#) [CR54NP-820KC](#) [CR54NP-8R5MC](#) [CTX32CT-100](#) [70F224AI](#) [MGDQ4-00004-P](#) [MHL1ECTTP18NJ](#) [MHL1JCTTD12NJ](#)  
[PE-51506NL](#) [PE-53601NL](#) [PE-53630NL](#) [PE-53824SNLT](#) [PE-62892NL](#) [PE-92100NL](#) [PG0434.801NLT](#) [PG0936.113NLT](#) [9310-16](#) [PM06-2N7](#) [PM06-39NJ](#) [A01TK](#) [1206CS-471XJ](#) [HC2-2R2TR](#) [HC2LP-R47-R](#) [HC3-2R2-R](#) [HCF1305-3R3-R](#) [1206CS-151XG](#) [RCH664NP-140L](#)  
[RCH664NP-4R7M](#) [RCH8011NP-221L](#) [RCP1317NP-332L](#) [RCP1317NP-391L](#) [RCR1010NP-470M](#) [RCR110DNP-331L](#) [DH2280-4R7M](#)  
[DS1608C-106](#) [ASPI-4020HI-R10M-T](#) [B10TJ](#) [B82477P4333M](#) [B82498B3101J000](#) [B82498B3680J000](#) [ELJ-RE27NJF2](#) [1812CS-153XJ](#)  
[1812CS-183XJ](#) [1812CS-223XJ](#) [1812LS-104XJ](#) [1812LS-105XJ](#) [1812LS-124XJ](#) [1812LS-154XJ](#) [1812LS-223XJ](#) [1812LS-224XJ](#)