



**MOLDED RF COILS — SHIELDED:**  
Coils are electromagnetically shielded with inductance values of .1 $\mu$ H through 10,000 $\mu$ H. Inductance Tolerances of  $\pm 5\%$  are available by special request. Shielded coils reduce magnetic coupling between components and should be used only where coupling problems exist, since cost is normally higher.

SERIES

# 1325

## Shielded RF coils

Delevan Part Number	Inductance Microhenries $\pm 10\%$	Test Frequency (MHz)	Q Min.	Resonant Frequency Min. (MHz)	D.C. Resistance Max. (ohms)	Current Rating Max. (mA)	Incremental Current (mA)	Delevan Part Number	Inductance Microhenries $\pm 10\%$	Test Frequency (MHz)	Q Min.	Resonant Frequency Min. (MHz)	D.C. Resistance Max. (ohms)	Current Rating Max. (mA)	Incremental Current (mA)
1325-101	.10		54	441**	.10	755	755	1325-822	8.2	7.9	55	47	3.2	134	134
1325-121	.12	25	52	387**	.11	720	720	1325-103	10.0	7.9	55	45	3.5	128	128
1325-151	.15		50	373**	.13	665	665	1325-123	12.0	2.5	42	42	2.9	141	141
1325-181	.18		49	337**	.14	640	640	1325-153	15.0		42	36	3.8	123	123
1325-221	.22	25	47	297**	.16	600	600	1325-183	18.0	2.5	42	33	4.6	112	112
1325-271	.27		46	270**	.18	565	565	1325-223	22.0		45	26	4.6	112	112
1325-331	.33		44	234	.21	520	520	1325-273	27.0		46	23	5.2	105	105
1325-391	.39	25	42	207	.22	510	510	1325-333	33.0	2.5	47	21	6.0	98	98
1325-471	.47		42	198	.23	500	500	1325-393	39.0		47	20	6.6	93	93
1325-561	.56		42	189	.26	470	470	1325-473	47.0		48	19	9.2	79	79
1325-681	.68	25	41	162	.28	450	450	1325-563	56.0	2.5	50	17	9.8	76	76
1325-821	.82		40	148	.30	435	435	1325-683	68.0		51	16	10.5	74	74
1325-102	1.0	25	39	135	.34	410	410	1325-823	82.0		51	13	12.0	69	69
1325-122	1.2	7.9	40	117	.80	268	268	1325-104	100.0	2.5	51	11.5	15.5	61	61
1325-152	1.5		41	103	.92	250	250	1325-124	120.0	.79	35	10.7	5.8	100	63
1325-182	1.8		43	95	1.0	239	239	1325-154	150.0		35	9.8	7.9	85	57
1325-222	2.2	7.9	45	86	1.2	219	219	1325-184	180.0	.79	35	9.3	9.4	75	53
1325-272	2.7		48	81	1.3	210	210	1325-224	220.0		38	9.0	11.0	70	47
1325-332	3.3		49	72	1.5	195	195	1325-274	270.0		40	8.5	12.0	68	40
1325-392	3.9	7.9	50	68	1.6	189	189	1325-334	330.0	.79	40	7.5	16.0	60	38
1325-472	4.7		53	63	1.8	178	178	1325-394	390.0		40	7.0	21.0	52	35
1325-562	5.6		54	54	2.0	169	169	1325-474	470.0		38	6.0	24.0	48	31
1325-682	6.8	7.9	55	49	2.8	143	143	1325-564	560.0	.79	38	5.3	28.0	45	24

\*\*Resonant Frequency Values are calculated and to be used for reference only.

**PHYSICAL PARAMETERS\***

LENGTH: 250  $\pm$  .010 [6.10-6.60]  
DIAMETER: .133 MAX. [3.38 MAX.]  
LEAD SIZE AWG #24 TCW .0185-.0215 [-.470-.550]  
LEAD LENGTH:  
1.38-1.62 [35.05-41.15]

**CURRENT RATING AT 90°C AMB**  
15°C Rise

**OPERATING TEMPERATURE**

-55°C to + 105°C

**POWER DISSIPATION AT 90°C**

.075 Max (Watts)

**WEIGHT MAX. (GRAMS) .390**

**INCREMENTAL CURRENT**

Current level which causes a Max. of 5% decrease in inductance.

**COUPLING**

3% Max.

**CORE MATERIAL**

DASH NO.  
-101 thru -103  
-123 thru -104  
-124 thru -564

CORE  
Iron  
Iron  
Ferrite

SLEEVE  
Iron  
Ferrite  
Ferrite

\*PHYSICAL PARAMETERS — in inches and [millimeters].

