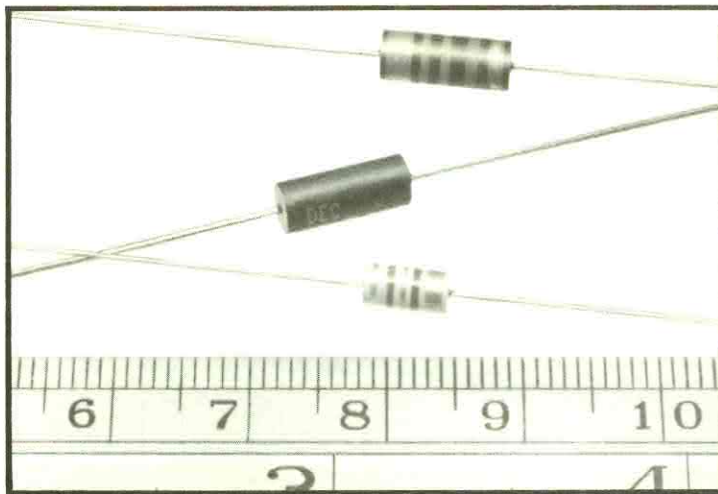




MOLDED RF COILS — SHIELDED:

Coils are electromagnetically shielded with inductance values of $.1\mu\text{H}$ through $10,000\mu\text{H}$. 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	25	54	441**	.10	755	755	1325-822	8.2	7.9	55	47	3.2	134	134
1325-121	.12		52	387**	.11	720	720	1325-103	10.0		55	45	3.5	128	128
1325-151	.15		50	373**	.13	665	665	1325-123	12.0		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		47	297**	.16	600	600	1325-183	18.0		42	33	4.6	112	112
1325-271	.27	25	46	270**	.18	565	565	1325-223	22.0	2.5	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		42	207	.22	510	510	1325-333	33.0		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	2.5	48	19	9.2	79	79
1325-681	.68	25	41	162	.28	450	450	1325-563	56.0		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		39	135	.34	410	410	1325-823	82.0		51	13	12.0	69	69
1325-122	1.2		40	117	.80	268	268	1325-104	100.0		51	11.5	15.5	61	61
1325-152	1.5	7.9	41	103	.92	250	250	1325-124	120.0	.79	35	10.7	5.8	100	63
1325-182	1.8	7.9	43	95	1.0	239	239	1325-154	150.0	.79	35	9.8	7.9	85	57
1325-222	2.2		45	86	1.2	219	219	1325-184	180.0		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		50	68	1.6	189	189	1325-334	330.0		40	7.5	16.0	60	38
1325-472	4.7	7.9	53	63	1.8	178	178	1325-394	390.0	.79	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		55	49	2.8	143	143	1325-564	560.0		38	5.3	28.0	45	24

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

PHYSICAL PARAMETERS*

LENGTH: $250 \pm .010$ [6-10-660]
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].

