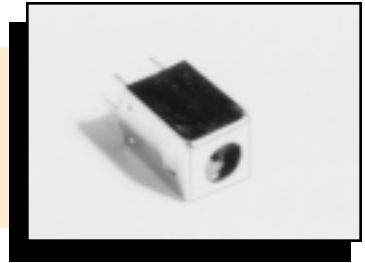


RADIAL 5MM VARIABLE SHIELDED / UNSHIELDED COILS

AIRV-164 SERIES



FEATURES:

- Precision Molded Polypropylene
- Constant Winding Pitch
- Excellent Q Values
- Long Term Stability
- High Reliability

OPTIONS:

- Bulk Packaging is Standard
- Tolerance: As Specified
- Core: Aluminum is Standard

COMMON APPLICATIONS:

- Telecommunication Equipment
- RF Circuits
- Radios
- Televisions
- General Electronic Applications where Tunable Inductance is required

STANDARD SPECIFICATIONS

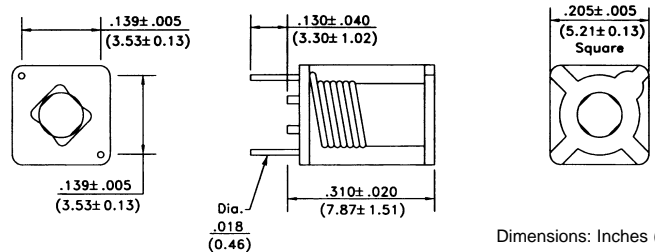
Part Number	Color	Turns	Q Min μH	No Core L	L Min μH	L Max	Test Freq MHz	Part Number	Color	Turns	Q Min μH	No Core L	L Min μH	L Max	Test Freq MHz
SHIELDED								UNSHIELDED							
AIRV-164-1.5T-AS	Varies	1.5	124	.016	.014	.016	150	AIRV-164-1.5T-A	Varies	1.5	145	.019	.016	.019	150
AIRV-164-2.5T-AS	Varies	2.5	108	.027	.022	.027	150	AIRV-164-2.5T-A	Varies	2.5	138	.034	.026	.034	150
AIRV-164-3.5T-AS	Varies	3.5	92	.041	.032	.041	150	AIRV-164-3.5T-A	Varies	3.5	130	.055	.038	.055	150
AIRV-164-4.5T-AS	Varies	4.5	86	.056	.043	.056	150	AIRV-164-4.5T-A	Varies	4.5	119	.077	.052	.077	150
AIRV-164-5.5T-AS	Varies	5.5	80	.071	.053	.071	150	AIRV-164-5.5T-A	Varies	5.5	108	.101	.065	.099	150
AIRV-164-6.5T-AS	Varies	6.5	79	.088	.055	.080	150	AIRV-164-6.5T-A	Varies	6.5	107	.128	.083	.126	100
AIRV-164-7.5T-AS	Varies	7.5	75	.105	.076	.101	100	AIRV-164-7.5T-A	Varies	7.5	106	.156	.097	.150	100
AIRV-164-8.5T-AS	Varies	8.5	74	.122	.087	.117	100	AIRV-164-8.5T-A	Varies	8.5	100	.216	.131	.190	100
AIRV-164-9.5T-AS	Varies	9.5	71	.141	.100	.134	100	AIRV-164-9.5T-A	Varies	9.5	100	.216	.131	.190	100
AIRV-164-10.5T-AS	Varies	10.5	69	.160	.113	.150	100	AIRV-164-10.5T-A	Varies	10.5	92	.248	.148	.223	100

TECHNICAL INFORMATION:

- Testing: HP4191A or equivalent
Inductance: Maximum measured @ specified frequency
minimum measured with core halfway out of coil form
Q: Measured @ specified frequency
- Winding: - Close wound
- Core Material: Aluminum is used for electrical data reference
- Core Length: .187"
- Temperature range: -40°C to + 85°C

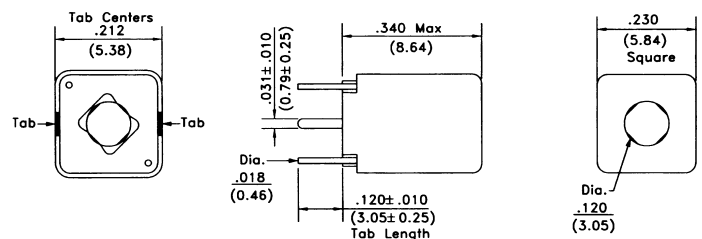
PHYSICAL CHARACTERISTICS

UNSHIELDED



Dimensions: Inches (mm)

SHIELDED



Note: All specifications subject to change without notice.

ABRACON IS
ISO 9001 / QS 9000
CERTIFIED

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