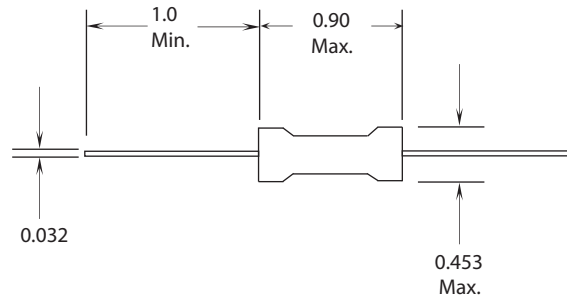


**Mechanical Specification**


Dimensions: Inches

**Special Features**

- High current capacity
- Low DCR
- Ferrite bobbin core
- VW-1 rated shrink tubing to cover winding
- Dash No. marking for identification
- Dielectric strength 2500 Vrms
- Operating temperature -55°C to +105°C
- Test frequency 1KHz

**Notes**

- \* Saturation current to cause 10% max. inductance drop
- \* Rated current to cause 35°C max. temperature rise

**Electrical Specification**
**VV-3700 SERIES**

Part Number	L(μH) ±10%	DCR Ω Max.	Isat.* (A)	Irated*** (A)
VV-3700-3R9	3.9	0.007	15.5	4.0
VV-3700-4R7	4.7	0.008	13.9	4.0
VV-3700-5R6	5.6	0.011	12.6	4.0
VV-3700-6R8	6.8	0.011	11.6	4.0
VV-3700-8R2	8.2	0.013	9.89	4.0
VV-3700-100	10	0.017	8.70	4.0
VV-3700-120	12	0.019	8.21	4.0
VV-3700-150	15	0.022	7.34	4.0
VV-3700-180	18	0.023	6.64	4.0
VV-3700-220	22	0.026	6.07	4.0
VV-3700-270	27	0.027	5.36	4.0
VV-3700-330	33	0.032	4.82	4.0
VV-3700-390	39	0.033	4.36	4.0
VV-3700-470	47	0.035	3.98	4.0

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**VV-3700 SERIES**

<b>Part Number</b>	<b>L(μH) ±10%</b>	<b>DCR Ω Max.</b>	<b>Isat.* (A)</b>	<b>Irated** (A)</b>
VV-3700-560	56	0.037	3.66	3.2
VV-3700-680	68	0.047	3.31	2.5
VV-3700-820	82	0.060	3.10	2.0
VV-3700-101	100	0.090	2.79	1.6
VV-3700-121	120	0.113	2.54	1.6
VV-3700-151	150	0.129	2.22	1.6
VV-3700-181	180	0.150	1.98	1.6
VV-3700-221	220	0.162	1.89	1.6
VV-3700-271	270	0.208	1.63	1.6
VV-3700-331	330	0.212	1.51	1.6
VV-3700-391	390	0.281	1.39	1.6
VV-3700-471	470	0.380	1.24	1.2
VV-3700-561	560	0.420	1.17	1.0
VV-3700-681	680	0.548	1.05	1.0
VV-3700-821	820	0.655	0.97	0.8
VV-3700-102	1000	0.844	0.87	0.8
VV-3700-122	1200	1.04	0.79	0.6
VV-3700-152	1500	1.18	0.70	0.6
VV-3700-182	1800	1.56	0.64	0.6
VV-3700-222	2200	2.00	0.58	0.5
VV-3700-272	2700	2.06	0.53	0.4
VV-3700-332	3300	2.53	0.47	0.4
VV-3700-392	3900	2.75	0.43	0.4
VV-3700-472	4700	3.19	0.39	0.4
VV-3700-562	5600	3.92	0.359	0.315
VV-3700-682	6800	5.69	0.322	0.250
VV-3700-822	8200	6.32	0.293	0.250
VV-3700-103	10,000	7.30	0.266	0.250
VV-3700-123	12,000	9.21	0.241	0.200
VV-3700-153	15,000	10.5	0.214	0.200
VV-3700-183	18,000	14.8	0.198	0.158
VV-3700-223	22,000	21.8	0.180	0.125
VV-3700-273	27,000	22.7	0.162	0.125
VV-3700-333	33,000	25.7	0.146	0.125
VV-3700-393	39,000	31.8	0.135	0.100
VV-3700-473	47,000	36.1	0.122	0.100
VV-3700-563	56,000	40.9	0.112	0.100
VV-3700-683	68,000	57.3	0.101	0.082
VV-3700-823	82,000	79.3	0.090	0.065
VV-3700-104	100,000	89.7	0.081	0.065