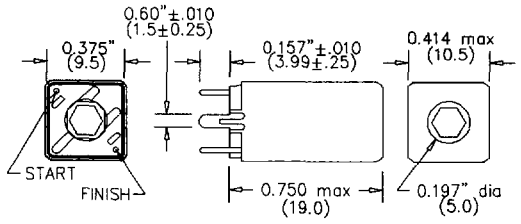
ABRACON CORPORATION

Shielded
VARIABLE INDUCTORS
AVS-2E and AVS-2J Series

AVS-2E
Dimensions (mm)



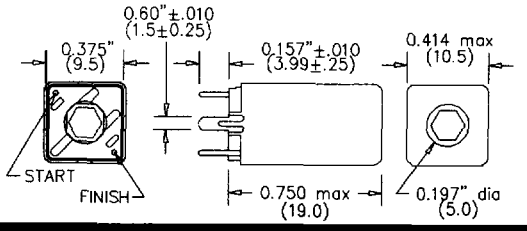
STANDARD SPECIFICATIONS

Plastic ..... Novamont Moplen c-432-4 polypropylene or approved
Wire ..... #22 AWG
Coil T.P.I. ..... close wound
Turn count ..... 1 1/2 turn min.
..... 20 1/2 turn max.
Material ..... Carbonyl or equivalent

E MATERIAL PART NUMBER GUIDE

Part Number	Color	Turns	Lead Length St	Lead Length Fin	No Core µh	L min µh	L nom. µh	L max. µh	min. Q @ L nom. @40 MHz
AVS-2E-100	White	9 1/2	0.138	0.138	0.300	0.315	0.378	0.440	76
AVS-2E-101	Black	10 1/2	0.138	0.138	0.338	0.355	0.425	0.495	76
AVS-2E-102	Brown	11 1/2	0.138	0.138	0.377	0.396	0.477	0.558	70
AVS-2E-103	Red	12 1/2	0.138	0.138	0.412	0.433	0.523	0.612	74
AVS-2E-104	Orange	13 1/2	0.138	0.138	0.452	0.475	0.570	0.666	72
AVS-2E-105	Yellow	14 1/2	0.138	0.138	0.490	0.515	0.618	0.720	74
AVS-2E-106	Green	15 1/2	0.138	0.138	0.522	0.583	0.674	0.765	74
AVS-2E-107	Blue	16 1/2	0.138	0.138	0.575	0.644	0.738	0.833	70
AVS-2E-108	Violet	17 1/2	0.138	0.138	0.612	0.695	0.784	0.873	72
AVS-2E-109	Gray	18 1/2	0.138	0.138	0.650	0.760	0.830	0.900	80
AVS-2E-110	White	19 1/2	0.138	0.138	0.675	0.803	0.870	0.936	78
AVS-2E-111	Black	20 1/2	0.138	0.138	0.715	0.858	0.915	0.972	70

AVS-2J
Dimensions (mm)



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J MATERIAL PART NUMBER GUIDE

Part Number	Color	Turns	Lead Length St	Lead Length Fin	No Core µh	L min µh	L nom. µh	L max. µh	min. Q @ L nom. @40 MHz
AVS-2J-100	White	9 1/2	0.138	0.138	0.300	0.315	0.369	0.423	80
AVS-2J-101	Black	10 1/2	0.138	0.138	0.338	0.355	0.416	0.477	82
AVS-2J-102	Brown	11 1/2	0.138	0.138	0.377	0.396	0.468	0.540	78
AVS-2J-103	Red	12 1/2	0.138	0.138	0.412	0.433	0.509	0.585	80
AVS-2J-104	Orange	13 1/2	0.138	0.138	0.452	0.475	0.556	0.693	78
AVS-2J-105	Yellow	14 1/2	0.138	0.138	0.490	0.515	0.604	0.693	78
AVS-2J-106	Green	15 1/2	0.138	0.138	0.522	0.583	0.660	0.738	80
AVS-2J-107	Blue	16 1/2	0.138	0.138	0.575	0.638	0.720	0.801	76
AVS-2J-108	Violet	17 1/2	0.138	0.138	0.612	0.693	0.770	0.846	76
AVS-2J-109	Gray	18 1/2	0.138	0.138	0.650	0.754	0.814	0.874	82
AVS-2J-110	White	19 1/2	0.138	0.138	0.675	0.792	0.846	0.900	80
AVS-2J-111	Black	20 1/2	0.138	0.138	0.715	0.847	0.896	0.945	74

All specifications subject to change without notice

Contact factory for custom specifications

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