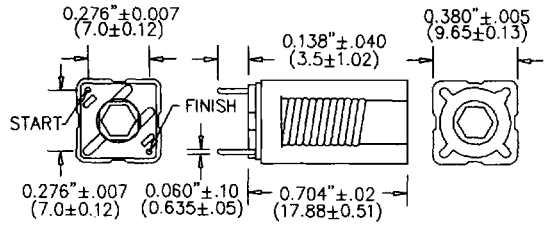
ABRACON CORPORATION

Unshielded
VARIABLE INDUCTORS
AVU-2E and AVU-2J Series

AVU-2E
Dimensions (mm)



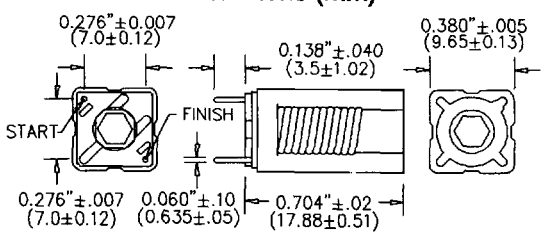
STANDARD SPECIFICATIONS

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
AVU-2E-100	White	9 1/2	0.138	0.138	0.385	0.404	0.578	0.752	80
AVU-2E-101	Black	10 1/2	0.138	0.138	0.438	0.460	0.658	0.855	80
AVU-2E-102	Brown	11 1/2	0.138	0.138	0.490	0.515	0.744	0.972	70
AVU-2E-103	Red	12 1/2	0.138	0.138	0.545	0.578	0.800	1.020	76
AVU-2E-104	Orange	13 1/2	0.138	0.138	0.600	0.680	0.900	1.120	72
AVU-2E-105	Yellow	14 1/2	0.138	0.138	0.645	0.759	0.975	1.190	68
AVU-2E-106	Green	15 1/2	0.138	0.138	0.692	0.825	1.050	1.280	68
AVU-2E-107	Blue	16 1/2	0.138	0.138	0.765	0.920	1.150	1.370	64
AVU-2E-108	Violet	17 1/2	0.138	0.138	0.830	1.020	1.230	1.440	64
AVU-2E-109	Gray	18 1/2	0.138	0.138	0.895	1.120	1.310	1.500	78
AVU-2E-110	White	19 1/2	0.138	0.138	0.910	1.240	1.400	1.550	84
AVU-2E-111	Black	20 1/2	0.138	0.138	0.960	1.340	1.480	1.620	74

AVU-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
AVU-2J-100	White	9 1/2	0.138	0.138	0.385	0.404	0.550	0.693	86
AVU-2J-101	Black	10 1/2	0.138	0.138	0.438	0.460	0.624	0.788	90
AVU-2J-102	Brown	11 1/2	0.138	0.138	0.490	0.515	0.708	0.900	78
AVU-2J-103	Red	12 1/2	0.138	0.138	0.545	0.578	0.764	0.950	84
AVU-2J-104	Orange	13 1/2	0.138	0.138	0.600	0.673	0.845	1.020	84
AVU-2J-105	Yellow	14 1/2	0.138	0.138	0.645	0.726	0.908	1.090	82
AVU-2J-106	Green	15 1/2	0.138	0.138	0.692	0.803	0.978	1.150	90
AVU-2J-107	Blue	16 1/2	0.138	0.138	0.765	0.891	1.080	1.270	74
AVU-2J-108	Violet	17 1/2	0.138	0.138	0.830	1.010	1.180	1.340	74
AVU-2J-109	Gray	18 1/2	0.138	0.138	0.895	1.100	1.250	1.400	92
AVU-2J-110	White	19 1/2	0.138	0.138	0.910	1.200	1.320	1.440	98
AVU-2J-111	Black	20 1/2	0.138	0.138	0.960	1.300	1.400	1.500	92

All specifications subject to change without notice

Contact factory for custom specifications

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