

U, I Cores

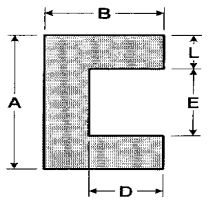


FIGURE 1

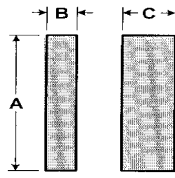


FIGURE 2

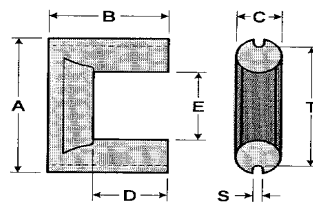


FIGURE 3

MECHANICAL DIMENSIONS inches mm = ()									
PART NO.	FIG.	A	B	C	D (min.)	E	L	S	T
41106-UC	1	.427 ±.008 (10.8)	.165±.005 (4.19)	.248 ±.005 (6.3)	.083 (2.11)	.283 Ref. (7.19)	.072 ± .005 (1.83)		
42220-UC	1	.869 ±.015 (22.1)	.810±.015 (20.6)	.247 ±.007 (6.27)	.550 (13.98)	.375 ± .015 (9.5)	.247 ± .007 (6.27)		
42512-UC	1	1.000 ±.020 (25.4)	.510±.015 (12.9)	.500 ±.015 (12.7)	.250 (6.35)	.504 Ref. (12.8)	.248 ± .005 (6.3)		
42515-UC	1	1.000 ±.020 (25.4)	.625 Ref. (15.9)	.250 ±.005 (6.35)	.365 (9.27)	.500 Ref. (12.7)	.250 ± .005 (6.35)		
42530-UC	1	1.000 ±.020 (25.4)	.625 Ref. (15.9)	.500 ±.010 (6.35)	.365 (9.27)	.500 Ref. (12.7)	.250 ± .005 (6.35)		
44119-UC	3	1.652 ±.016 (41.96)	.826 ±.005 (20.9)	.460 ±.010 (11.7)	.528 (13.4)	.750 ± .025 (19.1)		.125 Nom. (3.18)	1.39 Ref. (35.3)
44121-UC	3	1.652 ±.016 (41.96)	.812 ±.005 (20.6)	.460 ±.010 (11.7)	.429 (10.9)	.750 ± .025 (19.1)		.125 Nom. (3.18)	1.39 Ref. (35.3)
44125-UC	3	1.652 ±.016 (41.96)	1.000 ±.005 (25.4)	.460 ±.010 (11.7)	.617 (15.7)	.750 ± .025 (19.1)		.125 Nom. (3.18)	1.39 Ref. (35.3)
44130-UC	3	1.652 ±.016 (41.96)	1.200 ±.012 (30.5)	.460 ±.010 (11.7)	.817 (20.8)	.750 ± .025 (19.1)		.125 Nom. (3.18)	1.39 Ref. (35.3)
49925-UC	1	4.000 ±.08 (101.6)	2.25 ±.015 (57.2)	1.00 ±.03 (25.4)	1.225 (31.1)	2.00 ± .06 (50.8)	1.00 ± .030 (25.4)		
41106-IC	2	.427 ±.008 (10.8)	.072 ±.005 (1.83)	.248 ±.005 (6.3)					
42515-IC	2	1.040 ±.015 (26.4)	.125 ±.005 (3.18)	.290 ±.010 (7.37)					
42516-IC	2	1.000 ±.020 (25.4)	.250 ±.005 (6.35)	.250 ±.005 (6.35)					

MAGNETIC DATA

TO ORDER
SEE NOTE

AL VALUES mH/1000 Turns				
MATERIALS				
μ2300 R (min.)	μ2500 P (min.)	μ3000 F ± 25%	μ5000 J (min.)	

Hardware available for 44119-UC: Bobbins (PC-H4119-01, B4119-01), see pages 12.2, 12.3. Clamps (A-C4119-19, B-C4119-40, C-C4119), see page 12.3.

PART NUMBER (Note 1)	COMBI-NATION	MATERIALS				l _e (cm)	A _e (cm ²)	MINIMUM AREA (cm ²)	V _e (cm ³)	SET NOM. Wt. (gms)	BOBBIN WINDOW AREA (cm ²)	WaAc (cm ⁴) (Note 2)
		μ2300 R (min.)	μ2500 P (min.)	μ3000 F ± 25%	μ5000 J (min.)							
41106-UC	U-U	770	840	1,010	1,330	2.92	0.120	0.115	0.35	1.8	0.208	0.025
41106-UC	U-I	710	770	1,150	1,580	2.46	0.118	0.115	0.283	1.5	0.104	0.01
41106-IC												
42220-UC	U-U	670	730	1,360	1,580	9.58	0.397	0.397	4.13	19	2.30	0.91
42512-UC	U-U	1,430	1,550	2,480	3,300	6.89	0.800	0.800	4.17	29	1.10	0.67
42515-UC	U-U	830	1,000	1,600	1,880	8.34	0.404	0.404	3.37	17	1.57	0.63
42515-UC	U-I	1,020	1,110	1,770	2,180	6.43	0.404	0.404	2.60	13	.786	0.32
42516-IC												
42530-UC	U-U	1,570	1,710	2,740	3,650	8.34	0.808	0.808	6.74	34	1.57	1.27
44119-UC	U-U	1,220	1,330	2,130	3,520	12.12	0.911	0.805	11	54	2.90	2.86
44121-UC	U-U	1,410	1,535	1,849	4,100	11.34	0.988	0.988	11.1	55	3.12	3.09
44125-UC	U-U	1,200	1,310	2,105	3,500	13.28	0.988	0.988	13	64	4.50	4.44
44130-UC	U-U	1,050	1,140	1,830	3,045	15.28	0.988	0.988	15.1	75	5.96	5.88
49925-UC	U-U	-	3,690	5,900	-	30.84	6.45	6.45	199	975	26	168

1. (a) When ordering, add material code to part number.
E.g., F-41106-UC.

(b) Cores are sold per piece. (Multiply sets × 2).

2. Product of window area and core area

**FOR PREFERRED PARTS, SEE
INSIDE BACK COVER**