

SERIES 4-01 & 4-02

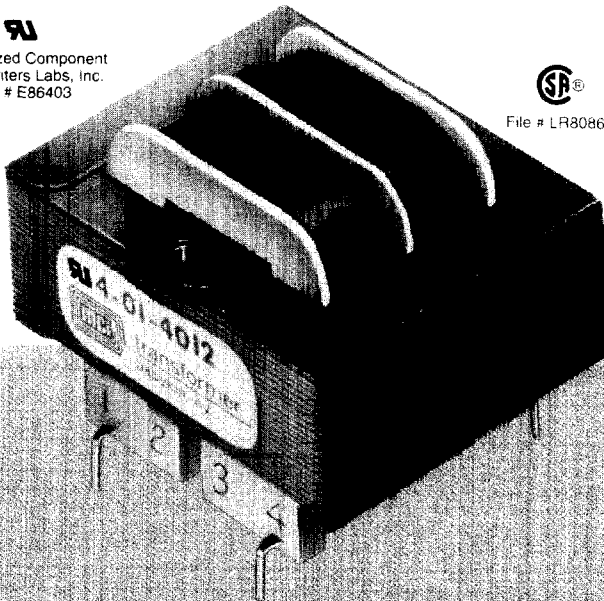
HORIZONTAL PC TRANSFORMERS



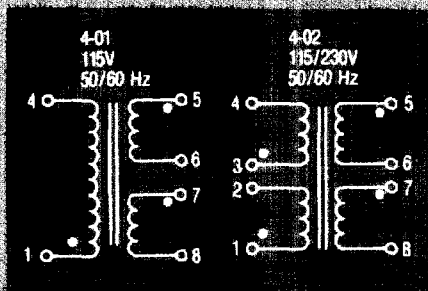
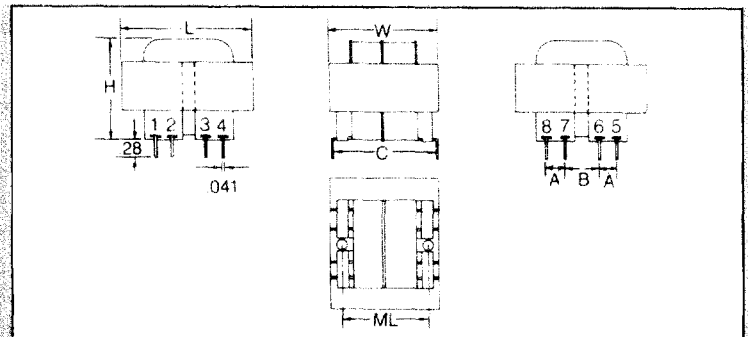
Recognized Component
Underwriters Labs, Inc.
File # E86403



File # LR80864



2,500-volt RMS Hipot, available in a variety of sizes. Maximum operating temperature 130°C. Available with either single 115V, or dual 115/230V primary. MCI's pin configuration is designed for ease of connection in printed circuit boards. Heavier transformers are provided with mounting holes for additional mounting security. Adaptations of standard transformers are also available. Dots on schematics shown below indicate like polarity.



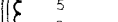
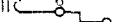
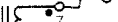
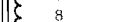
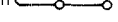
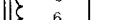
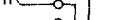
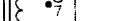
- To determine part number for specific transformer to be ordered:
1. Locate the column, in the table, for the required voltage.
 2. In the voltage column, locate the required current rating.
 3. Moving left from the current rating, find the number indicating required primary—single 115V primary or dual 115/230V.
 4. Derive part number by combining digits identifying required primary and digits at top of column giving required voltage.

DIMENSIONS

Size	VA	L	W	H	ML	A	B	C	Optional Mtg. Screw & Nut	Lbs.
2	1.1	1-3/8	1-1/8	15/16	—	.250	.250	1.200	None	0.17
3	2.4	1-3/8	1-1/8	1-3/16	—	.250	.250	1.200	None	0.25
4	6.0	1-5/8	1-5/16	1-5/16	1-1/16	.250	.350	1.280	4-40x1-3/8 Nylon	0.44
5	12.0	1-7/8	1-9/16	1-7/16	1-1/4	.300	.400	1.410	4-40x1-3/8 Nylon	0.70
6	20.0	2-1/4	1-7/8	1-7/16	1-1/2	.300	.400	1.600	4-40x1-3/8 Nylon	0.80
7	36.0	2-5/8	2-3/16	1-9/16	†	.400	.400	1.850	†	1.1

† 4 mounting holes 29/16 x 1 1/4 for #6 screw

CURRENT RATINGS (AMPS RMS)

Last 3 Digits of Part Number:			-010	-012	-016	-020	-024	-028	-036	-048	-056	-120
First 4 Digits:			SERIES CONNECTION				SECONDARY VOLTAGE					
Single 115V Primary	Dual 115/230V Primary		10V C.T.	12.6V C.T.	16V C.T.	20V C.T.	24V C.T.	28V C.T.	36V C.T.	48V C.T.	56V C.T.	120V C.T.
4-01-2	4-02-2		.110	.090	.070	.055	.045	.040	.030	.023	.020	.010
4-01-3	4-02-3		.250	.200	.150	.120	.100	.085	.065	.050	.045	.020
4-01-4	4-02-4		.600	.500	.400	.300	.250	.200	.170	.125	.110	.050
4-01-5	4-02-5		1.200	1.000	.800	.600	.500	.420	.350	.250	.220	.100
4-01-6	4-02-6		2.000	1.600	1.250	1.000	.800	.700	.550	.400	.350	.160
4-01-7	4-02-7		3.600	2.850	2.250	1.800	1.500	1.300	1.000	.750	.650	.300
			PARALLEL CONNECTION				SECONDARY VOLTAGE					
			5V	6.3V	8V	10V	12V	14V	18V	24V	28V	60V
4-01-2	4-02-2		.220	.180	.140	.110	.090	.080	.060	.046	.040	.020
4-01-3	4-02-3		.500	.400	.300	.240	.200	.170	.130	.100	.090	.040
4-01-4	4-02-4		1.200	1.000	.800	.600	.500	.400	.340	.250	.220	.100
4-01-5	4-02-5		2.400	2.000	1.600	1.200	1.000	.840	.700	.500	.440	.200
4-01-6	4-02-6		4.000	3.200	2.500	2.000	1.600	1.400	1.100	.800	.700	.320
4-01-7	4-02-7		7.200	5.700	4.500	3.600	3.000	2.600	2.000	1.500	1.300	.600