



INTERNATIONAL POWER TRANSFORMERS



For PC Board, Solid-State Power, Control,
and Instrumentation Applications.

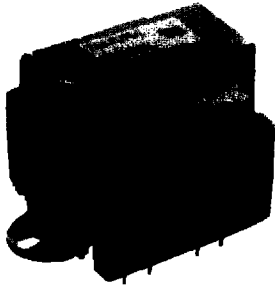


Recognized Component
Underwriters Labs Inc

MICROTRAN.

FEATURES:

- UL Recognized-Meets IEC-65 Safety Requirements for Worldwide Usage. UL 1411-File# E82992, E98949.
- Physical Barriers Between Primary and Secondary-Double Protection System-4,000 Volt hi-pot



INTERNATIONAL SERIES DIMENSIONS

FIG. A

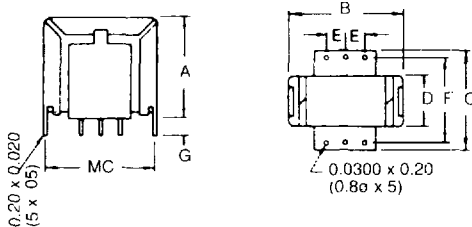


FIG. B

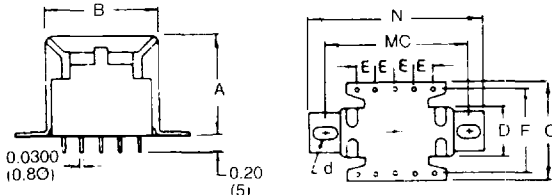
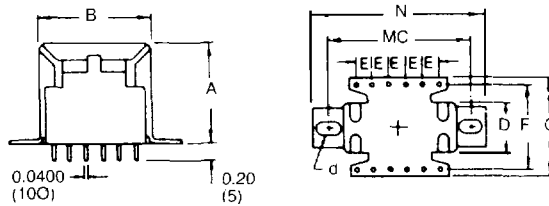


FIG. C



Dimensions "d". 5VA Series, 0.138" x 0.177" (3.5mm x 4.5mm); 9.5 and 15VA Series 0.177" x 0.256" (4.5mm x 6.5mm)

INTERNATIONAL SERIES MODELS & RATINGS

10A006*	PW28-10*	10.0V CT, 0.050A	Single secondary	0.7	1	A
10A009*	PW28-10-230	10.0V CT, 0.050A	Single secondary	0.7	2	A
10B004	PW35-10	10.0V CT, 0.110A	Single secondary	2.0	3	A
10C009	PW41-10	10.0V CT 0.350A	Single secondary	5.0	3	B
11D014H	PW48-10	10.0V CT, 0.950A	5.0V, 1.900A	9.5	4	B
11E006H	PW54-10	10.0V CT, 1.250A	5.0V, 2.500A	15.0	4	C
10B005	PW35-12	12.6V CT, 0.090A	Single secondary	2.0	3	A
10C010	PW41-12	12.6V CT, 0.280A	Single secondary	5.0	3	B
11D015H	PW48-12	12.6V CT, 0.750A	6.3V, 1.500A	9.5	4	B
11E007H	PW54-12	12.6V CT, 1.000A	6.3V, 2.000A	15.0	4	C
10A007	PW28-16	16.0V CT, 0.031A	Single secondary	0.7	1	A
10A010	PW28-16-230	16.0V CT, 0.031A	Single secondary	0.7	2	A
10B006	PW35-16	16.0V CT, 0.070A	Single secondary	2.0	3	A
10C011	PW41-16	16.0V CT, 0.220A	Single secondary	5.0	3	B
11D016H	PW48-16	16.0V CT, 0.600A	8.0V, 1.200A	9.5	4	B
11E008H	PW54-16	16.0V CT 0.780A	8.0V, 1.560A	15.0	4	C
10A008	PW28-24	24.0V CT, 0.021A	Single secondary	0.7	1	A
10A011	PW28-24-230	24.0V CT, 0.021A	Single secondary	0.7	2	A
11B001H	PW35-24	24.0V CT, 0.046A	Single secondary	2.0	3	A
10C012	PW41-24	24.0V CT, 0.150A	Single secondary	5.0	3	B
11D017H	PW48-24	24.0V CT, 0.400A	12.0V, 0.800A	9.5	4	B
11E009H	PW54-24	24.0V CT, 0.520A	12.0V, 1.040A	15.0	4	C
11B002H	PW35-36	36.0V CT, 0.031A	Single secondary	2.0	3	A
11C005H	PW41-36	36.0V CT, 0.100A	Single secondary	5.0	3	E
11D018H	PW48-36	36.0V CT, 0.260A	18.0V, 0.520A	9.5	4	B
11E010H	PW54-36	36.0V CT, 0.350A	18.0V, 0.700A	15.0	4	C
11D019H	PW48-56	56.0V CT, 0.170A	28.0V, 0.340A	9.5	4	B
11E011H	PW54-56	56.0V CT, 0.223A	28.0V, 0.446A	15.0	4	C

Note 1: Individual transformer coil rating is parallel connection voltage & series connection current.

Note 2: Single primary models: 10A006, 7, 8, PW28-10, PW28-16, PW28-24, 115V AC models: 10A009, 10, 11, PW28-10-230, PW28-16-230, PW28-24-230, 230V AC

TRIPLE OUTPUT TRANSFORMERS FOR REGULATED & UNREGULATED POWER SUPPLIES

11E012H	PWT54-1024	9V, 800ma	24V, 300ma	+5V, 670ma	±15V, 170ma	5	C
11E013H	PWT54-1633	16V, 550ma	33V, 180ma	+9V, 470ma	±21V, 120ma	6	C

Note 3: ±9VDC and ±21VDC outputs are for input to ±5VDC and ±15VDC IC voltage regulators (cct 6.)

INTERNATIONAL SERIES DIMENSIONS AND WEIGHTS⁴

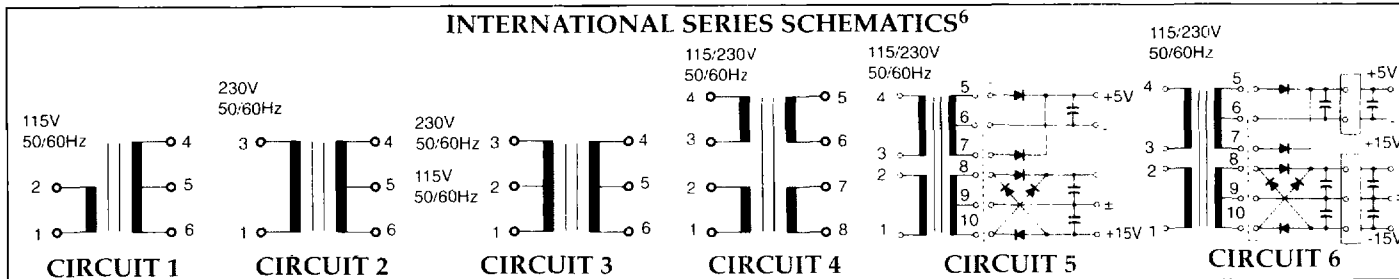
10A	PW28	1.10 (28)	1.16 (29.5)	1.32 (33.5)	1.12 (28.5)	0.49 (12.5)	0.20 (5)	0.98 (25)	0.20 (5)	N/A	2.47 (70)
10B & 11B	PW35	1.26 (32)	1.44 (36.5)	1.69 (43)	1.40 (35.5)	0.61 (15.5)	0.30 (7.5)	1.38 (35)	0.24 (6)	N/A	4.59 (130)
10C & 11C	PW41	1.42 (36)	1.67 (42.5)	1.91 (48.5)	2.05 (52)	0.85 (21.5)	0.39 (10)	1.57 (40)	N/A	2.36 (60)	8.11 (230)
11D	PW48	1.69 (43)	1.97 (50)	2.05 (52)	2.32 (59)	1.08 (27.5)	0.30 (7.5)	1.77 (45)	N/A	2.72 (69)	15.87 (450)
11E	PW54	1.93 (49)	2.22 (56.5)	2.09 (53)	2.72 (69)	1.08 (27.5)	0.30 (7.5)	1.77 (45)	N/A	3.15 (80)	19.05 (540)

Note 4: Dimensions in inches (mm). Weight in ounces (gm).

Note 5: See note under mechanical specifications for dimension "d"

Note 6: Ratings based on 120V nominal input

INTERNATIONAL SERIES SCHEMATICS⁶



TAMURA CORPORATION OF AMERICA

Postal Box 892230 • Temecula, CA 92589-2230 • 909/699-1270 • FAX: 909/676-9482