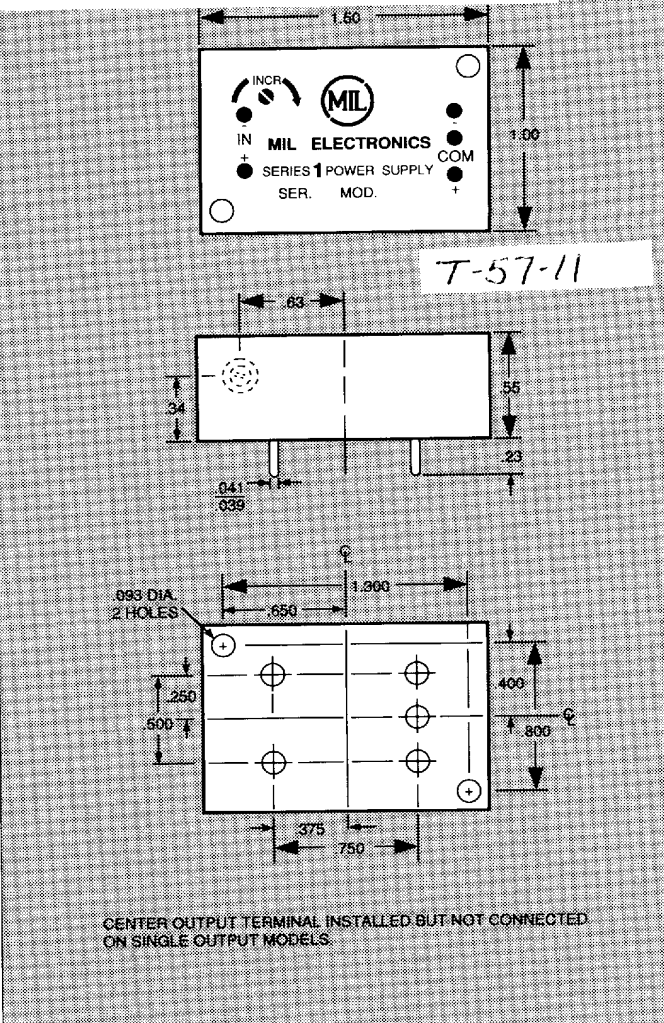
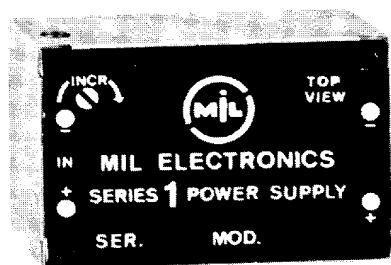


SERIES 1

- ONE WATT OF ISOLATED OUTPUT POWER
- SINGLE OR DUAL OUTPUTS
- 10 TURN POT. ADJUSTABLE OUTPUT
- SEALED METAL CLOSURE
- PRINTED CIRCUIT MOUNTING
- LESS THAN ONE CUBIC INCH



ELECTRICAL SPECIFICATIONS

Regulation for Input.....	± .5%
Regulation for Load (1/2 to full)	± 1 1/4%
All single output units 4, 5, 6, 7V	± 2%
Output Ripple3% pp
Temp. Stability.....	.05%/°C
Temp. (Operating, Case).....	- 55 to +100°C

Temp. (Storage)	- 60 to +100°C
Efficiency (Typical).....	40%
Reverse Polarity	100 Volts*
Input Overvoltage	50%
Isolation (Input-Output-Case)	150 Volts
Adjustability.....	± 10%

PHYSICAL SPECIFICATIONS

Weight.....	30 gms
Acceleration	45 G's
Shock	50 G's
Vibration	20 G's
Altitude	Sea level to space
Thermal Shock	MIL STD 810/503

Mounting.....	Two thru holes
Terminals	Printed circuit pins
Case, Finish.....	Aluminum, gold alodine
Volume825 cubic inches
Semiconductors	All silicon
Encapsulation	100%

**F.O.B. FACTORY
NET 30 DAYS**

* Reverse polarity not applicable to 5 volt input models

STANDARD MODELS**SERIES 1**
DC to DC POWER SUPPLY**SINGLE OUTPUT SUPPLIES**

OUTPUT VOLTAGE VDC	ADJUSTMENT FROM - TO VOLTS DC	MAXIMUM OUTPUT CURRENT milliamps	MODEL NUMBER			
			INPUT VOLTAGE			
			5 ± .5 VDC	12 ± 2 VDC	24 ± 4 VDC	28 ± 4 VDC
4	3.6 - 4.4	250	1S54	1S24	1S44	1S84
5	4.5 - 5.5	200	1S55	1S25	1S45	1S85
6	5.4 - 6.6	167	1S56	1S26	1S46	1S86
7	6.3 - 7.7	143	1S57	1S27	1S47	1S87
8	7.2 - 8.8	125	1S58	1S28	1S48	1S88
9	8.1 - 9.9	112	1S59	1S29	1S49	1S89
10	9.0 - 11	100	1S510	1S210	1S410	1S810
12	10.8 - 13.2	84	1S512	1S212	1S412	1S812
14	12.6 - 15.4	72	1S514	1S214	1S414	1S814
15	13.5 - 16.5	67	1S515	1S215	1S415	1S815
16	14.4 - 17.6	63	1S516	1S216	1S416	1S816
18	16.2 - 19.8	56	1S518	1S218	1S418	1S818
20	18.0 - 22.0	50	1S520	1S220	1S420	1S820
24	21.6 - 26.4	42	1S524	1S224	1S424	1S824
30	27.0 - 33.0	34	1S530	1S230	1S430	1S830
35	31.5 - 38.5	29	1S535	1S235	1S435	1S835
40	36.0 - 44.0	25	1S540	1S240	1S440	1S840
45	40.5 - 49.5	23	1S545	1S245	1S445	1S845
50	45.0 - 55.0	20	1S550	1S250	1S450	1S850
60	54.0 - 66.0	17	1S560	1S260	1S460	1S860
70	63.0 - 77.0	15	1S570	1S270	1S470	1S870
80	72.0 - 88.0	13	1S580	1S280	1S480	1S880
90	81.0 - 99.0	12	1S590	1S290	1S490	1S890
100	90.0 - 110.0	10	1S5100	1S2100	1S4100	1S8100

DUAL OUTPUT SUPPLIES

OUTPUT VOLTAGE VDC	ADJUSTMENT FROM - TO VOLTS DC	MAXIMUM OUTPUT CURRENT milliamps	MODEL NUMBER			
			INPUT VOLTAGE			
			5 ± .5 VDC	12 ± 2 VDC	24 ± 4 VDC	28 ± 4 VDC
± 4	3.6 - 4.4	± 125	1D54	1D24	1D44	1D84
± 5	4.5 - 5.5	± 100	1D55	1D25	1D45	1D85
± 6	5.4 - 6.6	± 84	1D56	1D26	1D46	1D86
± 7	6.3 - 7.7	± 72	1D57	1D27	1D47	1D87
± 8	7.2 - 8.8	± 63	1D58	1D28	1D48	1D88
± 9	8.1 - 9.9	± 56	1D59	1D29	1D49	1D89
± 10	9.0 - 11	± 50	1D510	1D210	1D410	1D810
± 12	10.8 - 13.2	± 42	1D512	1D212	1D412	1D812
± 14	12.6 - 15.4	± 36	1D514	1D214	1D414	1D814
± 15	13.5 - 16.5	± 34	1D515	1D215	1D415	1D815
± 16	14.4 - 17.6	± 32	1D516	1D216	1D416	1D816
± 18	16.2 - 19.8	± 28	1D518	1D218	1D418	1D818
± 20	18.0 - 22.0	± 25	1D520	1D220	1D420	1D820
± 24	21.6 - 26.4	± 21	1D524	1D224	1D424	1D824
± 30	27.0 - 33.0	± 17	1D530	1D230	1D430	1D830
± 35	31.5 - 38.5	± 15	1D535	1D235	1D435	1D835
± 40	36.0 - 44.0	± 13	1D540	1D240	1D440	1D840
± 45	40.5 - 49.5	± 12	1D545	1D245	1D445	1D845
± 50	45.0 - 55.0	± 10	1D550	1D250	1D450	1D850