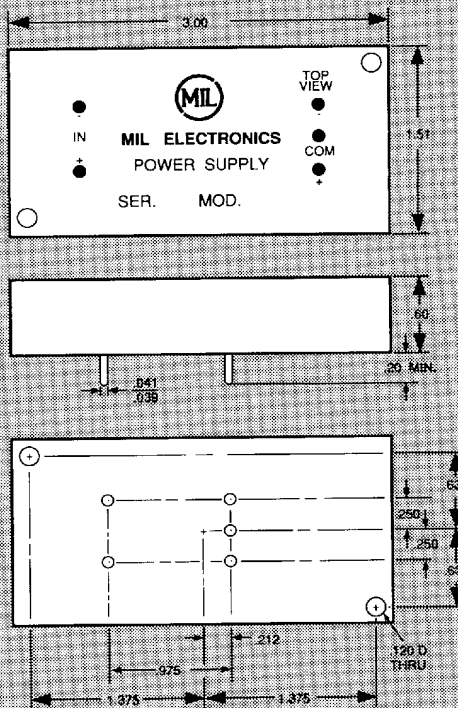


# SERIES D

- 3 WATTS OF ISOLATED OUTPUT POWER\*
- SINGLE OR DUAL OUTPUTS
- HIGHLY REGULATED
- SEALED METAL CLOSURE
- CURRENT LIMITING



CENTER OUTPUT TERMINAL INSTALLED BUT NOT CONNECTED ON SINGLE OUTPUT MODELS

## ELECTRICAL SPECIFICATIONS

Regulation for Input.....	± .05%	Efficiency (Typical).....	50%
Regulation for Load (zero to full) .....	± .2%	Reverse Polarity .....	100 Volts*
Output Ripple .....	.1% ppt†	Input Over Voltage.....	50%
Temp. Stability .....	less than .01%/°C	Isolation (Input-Output-Case) .....	250 Volts
Temp. (Operating Case).....	- 55 to + 100°C	Current Limiting .....	130 ± 20% Max. I.
Temp. (Storage).....	- 55 to + 120°C		

## PHYSICAL SPECIFICATIONS

Weight.....	92 gms	Mounting.....	Two thru holes
Acceleration .....	45 G's	Terminals .....	Printed circuit pins
Shock .....	50 G's	Case Finish .....	Aluminum, gold alodine
Vibration .....	20 G's	Volume .....	2.7 cubic inches
Altitude.....	see level to space	Semiconductors .....	All silicon
Thermal Shock .....	MIL STD 810/503	Encapsulation .....	100%

FOB FACTORY  
NET 30 DAYS

\* Reverse polarity not applicable to 5 volt input models

† 0 to 500 KHz bandwidth.

\*Except for dual output units below 14 volts.

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

OUTPUT VOLTAGE VDC	MAXIMUM OUTPUT CURRENT milliamps	MODEL NUMBER			
		INPUT VOLTAGE			
		5 ± .5 VDC	12 ± 2 VDC	24 ± 4 VDC	28 ± 4 VDC
4	750	DS54	DS24	DS44	DS84
5	600	DS55	DS25	DS45	DS85
6	500	DS56	DS26	DS46	DS86
7	430	DS57	DS27	DS47	DS87
8	380	DS58	DS28	DS48	DS88
9	335	DS59	DS29	DS49	DS89
10	300	DS510	DS210	DS410	DS810
11	275	DS511	DS211	DS411	DS811
12	250	DS512	DS212	DS412	DS812
13	230	DS513	DS213	DS413	DS813
14	220	DS514	DS214	DS414	DS814
15	200	DS515	DS215	DS415	DS815
16	190	DS516	DS216	DS416	DS816
17	180	DS517	DS217	DS417	DS817
18	170	DS518	DS218	DS418	DS818
19	160	DS519	DS219	DS419	DS819
20	150	DS520	DS220	DS420	DS820
22	140	DS522	DS222	DS422	DS822
24	125	DS524	DS224	DS424	DS824
26	115	DS526	DS226	DS426	DS826
28	110	DS528	DS228	DS428	DS828
30	100	DS530	DS230	DS430	DS830
33	90	DS533	DS233	DS433	DS833
36	85	DS536	DS236	DS436	DS836
38	80	DS538	DS238	DS438	DS838
40	75	DS540	DS240	DS440	DS840
43	70	DS543	DS243	DS443	DS843
46	65	DS546	DS246	DS446	DS846

**DUAL OUTPUT SUPPLIES**

OUTPUT VOLTAGE VDC	MAXIMUM OUTPUT CURRENT milliamps	MODEL NUMBER			
		INPUT VOLTAGE			
		5 ± .5 VDC	12 ± 2 VDC	24 ± 4 VDC	28 ± 4 VDC
± 4	± 100	DD54	DD24	DD44	DD84
± 5	± 100	DD55	DD25	DD45	DD85
± 6	± 100	DD56	DD26	DD46	DD86
± 7	± 100	DD57	DD27	DD47	DD87
± 8	± 100	DD58	DD28	DD48	DD88
± 9	± 100	DD59	DD29	DD49	DD89
± 10	± 100	DD510	DD210	DD410	DD810
± 12	± 100	DD512	DD212	DD412	DD812
± 14	± 100	DD514	DD214	DD414	DD814
± 15	± 100	DD515	DD215	DD415	DD815
± 16	± 95	DD516	DD216	DD416	DD816
± 18	± 85	DD518	DD218	DD418	DD818
± 20	± 75	DD520	DD220	DD420	DD820
± 22	± 70	DD522	DD222	DD422	DD822
± 24	± 65	DD524	DD224	DD424	DD824
± 26	± 60	DD526	DD226	DD426	DD826
± 28	± 55	DD528	DD228	DD428	DD828
± 30	± 50	DD530	DD230	DD430	DD830
± 33	± 45	DD533	DD233	DD433	DD833
± 36	± 43	DD536	DD236	DD436	DD836