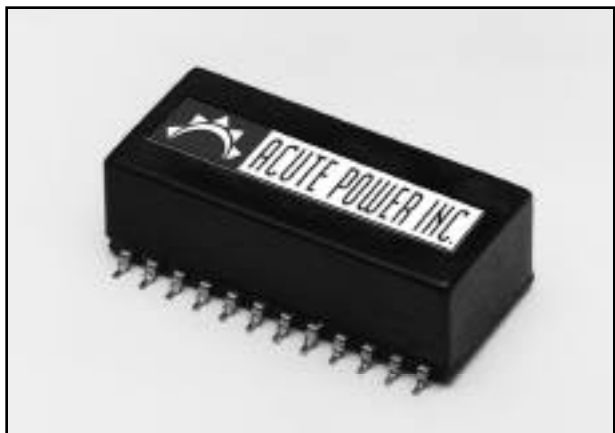


M BR1.8 SERIES

SINGLE & DUAL OUTPUTS



FEATURES:

- Up To 1.8 Watt Output Power
- 500Vdc Isolation
- Output Types
- 24 Pin DIL & SMD Package
- Regulated & Unregulated
- Surface Mount

GENERAL SPECIFICATIONS:

Output Ripple & Noise	50mV P-P(20Khz B.W.)
Isolation Resistance	100M @ 500Vdc
Switching Frequency	20Khz Min.
Operating Temperature	0-70C
Efficiency(Unregulated)	70% Typ.
(Regulated)	50%
Short Circuit Protection	Continuous
Weight	9.1G

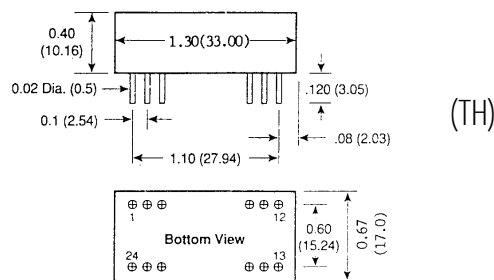
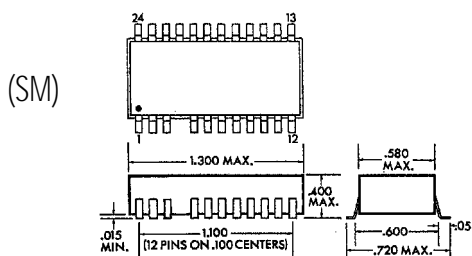
ELECTRICAL SPECIFICATIONS:

Input Voltage Range	+/-5%
Output Voltage Tolerance	+/-5%
Line Regulation (Unreg.)	+/-1.2%
(Note 1) (Reg.)	+/-0.3%
Load Regulation (Unreg.)	+/-10%
(Note 1) (Reg.)	+/-0.5%

All Specifications @ Full Load & 25C Unless Otherwise Specified

MODEL SELECTION GUIDE:

INPUT VOLTAGE (VDC)	OUTPUT VOLTAGE (VDC)	OUTPUT CURRENT MA	EFFICIENCY (%TYP)	MODEL NUMBER	PIN NO.	SINGLE	DUAL
5	5.00	360	50	MBR1.8-5S05R(**)	1	+Vin	+Vin
5	9.00	200	75	MBR1.8-5S09N(**)	2	N/C	-Vo
5	12.00	150	55	MBR1.8-5S12R(**)	3	N/C	Com. Out
5	15.00	120	75	MBR1.8-5S15N(**)	10	-Vo	Com. Out
5	+/-5.00	+/-180	75	MBR1.8-5D05N(**)	11	+Vo	+Vo
5	+/-12.00	+/-75	55	MBR1.8-5D12R(**)	12	-Vin	-Vin
5	+/-15.00	+/-60	75	MBR1.8-5D15N(**)	13	-Vin	-Vin
12	5.00	360	50	MBR1.8-12S05R(**)	14	+Vo	+Vo
12	12.00	150	75	MBR1.8-12S12N(**)	15	-Vo	Com. Out
12	+/-12.00	+/-75	75	MBR1.8-12D12N(**)	22	N/C	Com. Out
12	+/-15.00	+/-60	55	MBR1.8-12D15R(**)	23	N/C	-Vo
					24	+Vin	+Vin



Note (**) Insert suffix; **SM** for Surface-mount type or **TH** for Thru-hole Type mounting • MODIFICATIONS AND CUSTOMS AVAILABLE