INTERNATIONAL SEMICONDUCTOR, INC.

CURRENT REGULATOR DIODES

MSM350 thru MSM368

SURFACE MOUNT
VERY HIGH CURRENT

High Source Impedance

Standard Tolerance = ±10%

Tighter Tolerances Available

Constant Current Over Wide Voltage Range

Temperature Coefficient = -0.25~-0.45 %/°C

(Measured between 25°C and 50°C

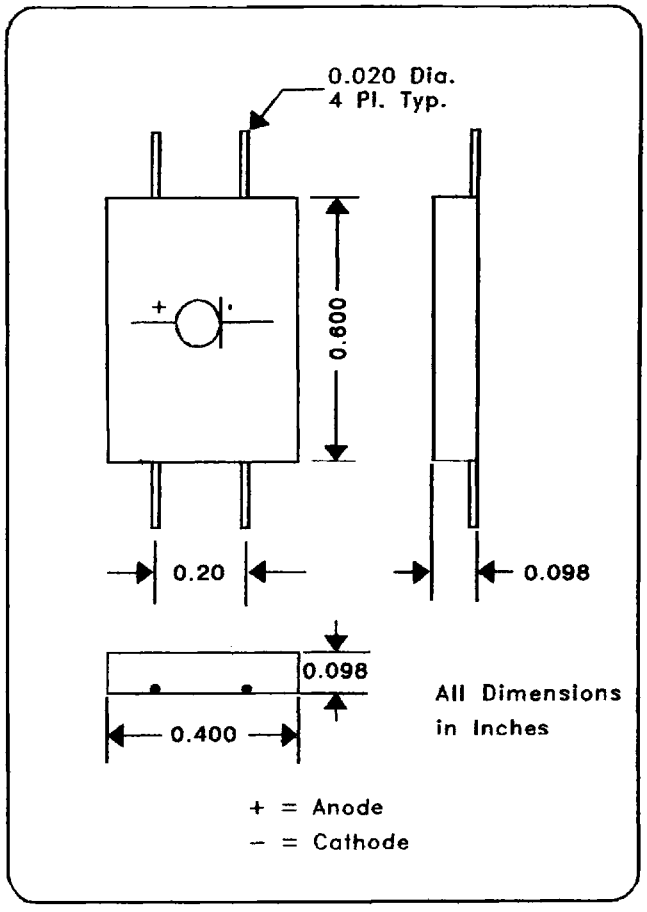
Part Number	Ip mA Nom.	Vk V Max.	Zt Min K Ohm	Zk Min K Ohm	POV V Max.
MSM350	11	6	100	6.0	45
MSM351	12	6	100	5.0	45
MSM352	13	6	100	4.0	45
MSM353	15	6	90	3.0	45
MSM354	16	6	90	2.5	45
MSM355	18	6	80	2.0	45
MSM356	20	6	70	1.0	45
MSM357	22	6	60	0.6	45
MSM358	24	6	60	0.6	45
MSM359	27	6	60	0.6	45
MSM360	30	6	50	0.6	45
MSM361	33	6	40	0.6	41
MSM362	36	6	30	0.6	38
MSM363	39	6	20	0.6	35
MSM364	43	6	20	0.6	32
MSM365	47	6	15	0.6	29
MSM366	51	6	15	0.6	27
MSM367	52	6	14	0.6	26
MSM368	60	6	12	0.6	23

I_P = Pinch-Off Current: measured by pulse at 25°C

V_K = Voltage which produces 0.81 I_P or greater current

Z_T = Minimum AC Impedance when small AC signal voltage of 10 KHz is added to 25 Volt DC bias.

Z_K = Minimum knee impedance when the small AC signal voltage is added to V_K.



Glass Diodes encapsulated in liquid polymer case.

Case meets MIL-M-24519C, Type GLPC-30 F.

Case meets flammability requirements of UL 94V-O.

Leads are beryllium copper, 60/40 tin-lead plated per MIL-P-81728.