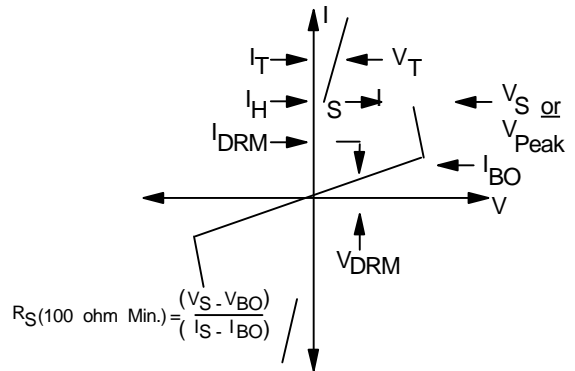


HUTSON INDUSTRIES, INC.

SIDAC CHIPS

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- Hard Glass Passivated
- Negative Resistance Turn On
- SIZE: 0.050" x 0.050" (Less Kerf) x 0.010"
- $I_{BO} < 200 \mu A$
- Silver Metalized for Solder Assembly
- Also available with Aluminum one side for Heavy Aluminum wire ultrasonic bonding.



Part Number	VBO		VDRM	IDRM	IPP			ITSM		IT	IH	VTM	di/dt
	Breakover Voltage (Instantaneous Clamping Voltage) Volts		Blocking Voltage Volts	Peak Off-State Current at VDRM	Peak Pulse Current TJ < 150°C			Peak One Cycle (sinusoidal) Surge Current		Continuous On-State DC or RMS Current	Holding Current	Peak On-State Voltage IT=1 Amp	Critical Rate of Rise of On-State Current TYP
	MIN	MAX	MIN	MAX	10x160µs	10x560µs	10x1000µs	60Hz	50Hz	MAX	mAmps	MAX	MAX
G105	95	113	75	10	60	35	35	20	16.7	1.0	150	5	100
G110	104	118	85	10	60	35	35	20	16.7	1.0	150	5	100
G120	110	125	90	10	60	35	35	20	16.7	1.0	150	5	100
G130	120	138	95	10	60	35	35	20	16.7	1.0	150	5	100
G140	130	146	105	10	60	35	35	20	16.7	1.0	150	5	100
G150	140	170	115	10	60	35	35	20	16.7	1.0	150	5	100
G195	165	190	130	10	60	35	35	20	16.7	1.0	150	5	100
G215	190	215	150	10	60	35	35	20	16.7	1.0	150	5	100
G230	205	230	165	10	60	35	35	20	16.7	1.0	150	5	100
G250	220	250	175	10	60	35	35	20	16.7	1.0	150	5	100
G280	240	280	190	10	60	35	35	20	16.7	1.0	150	5	100
G330	270	330	215	10	60	35	35	20	16.7	1.0	150	5	100