



CHENMKO ENTERPRISE CO.,LTD

SURFACE MOUNT SCHOTTKY DIODE

VOLTAGE 40 Volts CURRENT 1 Ampere

CHS04XGP

Halogens free devices

APPLICATION

- * Ultra high speed switching

FEATURE

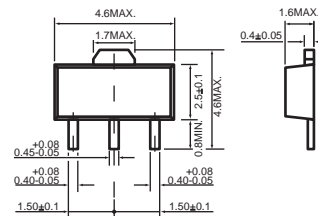
- * Suitable for high packing density.
- * Peak forward current is 10A.

CONSTRUCTION

- * Silicon epitaxial planar



SC-62/SOT-89

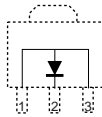


1 ANODE
2 CATHODE
3 ANODE

Dimensions in millimeters

SC-62/SOT-89

CIRCUIT



RATINGS	SYMBOL	CHS04XGP	UNITS
Maximum Recurrent Peak Reverse Voltage	VRRM	40	Volts
Maximum RMS Voltage	VRMS	28	Volts
Maximum DC Blocking Voltage	VDC	40	Volts
Maximum Average Forward Rectified Current	Io	1	Amps
Peak Forward Surge Current at 1Sec.	IFSM	10	Amps
Maximum Operating Temperature Range	TJ	+150	°C
Storage Temperature Range	TSTG	-65 to +150	°C

ELECTRICAL CHARACTERISTICS (At TA = 25°C unless otherwise noted)

CHARACTERISTICS	SYMBOL	CHS04XGP	UNITS
Maximum Instantaneous Forward Voltage at If= 1.0A	VF	0.55	Volts
Maximum Average Reverse Current at VR= 40V	IR	1.0	mAmps