



CHENMKO ENTERPRISE CO.,LTD

Lead free devices

SURFACE MOUNT
SCHOTTKY DIODE

VOLTAGE 40 Volts CURRENT 1 Ampere

CHS04XPT

APPLICATION

- * Ultra high speed switching

FEATURE

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

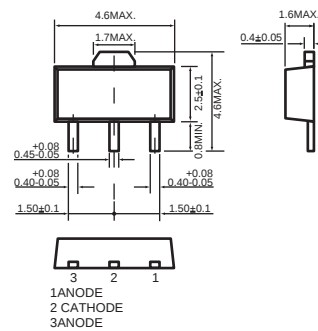
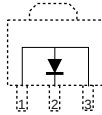
CONSTRUCTION

- * Silicon epitaxial planar



SC-62/SOT-89

CIRCUIT



Dimensions in millimeters

SC-62/SOT-89

RATINGS	SYMBOL	CHS04XPT	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	CHS04XPT	UNITS
Maximum Instantaneous Forward Voltage at IF= 1.0A	VF	0.55	Volts
Maximum Average Reverse Current at VR= 40V	IR	1.0	mAmps