



CHENMKO ENTERPRISE CO.,LTD

Halogens free devices

STANDARD CAPACITANCE TVS
VOLTAGE 3.3V

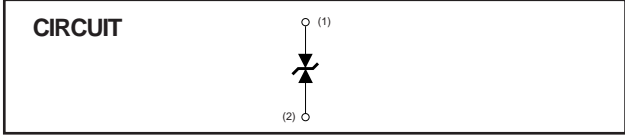
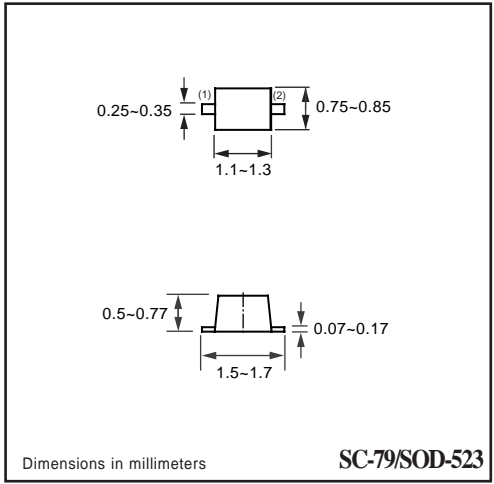
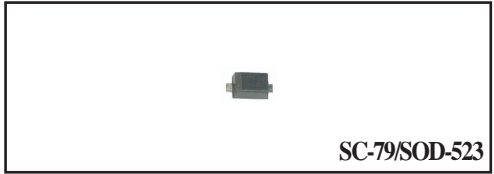
**TVSS3.3VCES
-01HGP**

FEATURES

- *Unidirectional
- * Low leakage current
- *Protects one power or I/O port
- * High temperature soldering guaranteed : 260°C/10 seconds at terminals
- *ESD per IEC 61000-4-2 (AIR) 16KV
- *ESD per IEC 61000-4-2 (CONTACT) 16KV

MECHANICAL DATA

Case: JEDEC SOD-523 molded plastic
Polarity: See connection diagram



MAXIMUM RATINGS (At TA = 25°C unless otherwise noted)

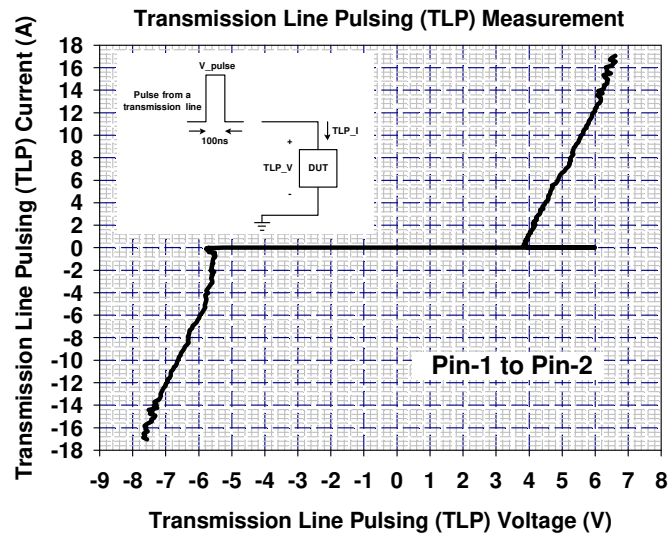
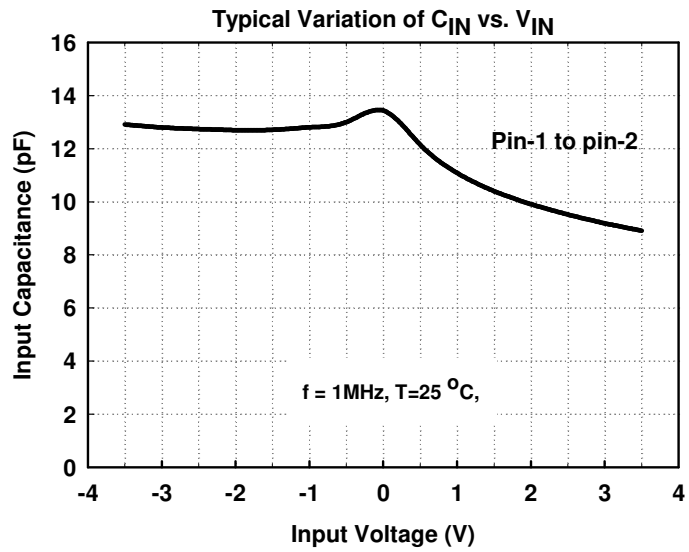
RATINGS	SYMBOL	VALUE	UNITS
ESD per IEC 61000-4-2	VESD	±15	KV
Operating Temperature Range	T _{op}	-55 to +85	°C
Storage Temperature Range	T _{STG}	-55 to +150	°C

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

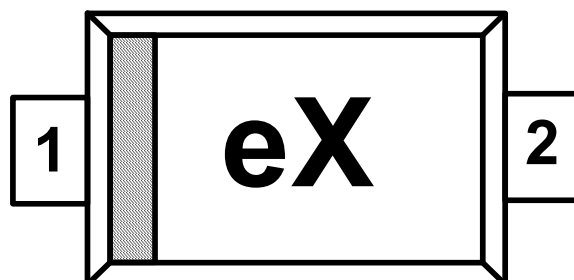
PRODUCT NO.	Breakdown Voltage			@ IT (mA)	Working Peak Reverse Voltage	Maximum Reverse Leakage at Vrwm	Maximum Reverse Current tp = 8X20uSec	ESD Clamping Voltage at IEC 61000-4-2 6KV T=25°C (Contact)	Max Junction Capacitance
	VBR Volts		Vrwm (V)						
	MIN.	NOM.		MAX.					
TVSS3.3VCES-01HGP	4.0	-	6.5	1.0	3.3	1.0	4.5	7.5	16.5

RATING CHARACTERISTIC CURVES (TVSS3.3VCES-01HGP)


Typical Characteristics



The Marking and Part No. for TVSS3.3VCES-01HGP (SC-79)



e = Device Code
X = Date Code

CUSTOMER :	APPROVED :	 CHENMKO LTD.
APPROVED :	CHECKED :	
CHECKED :	DRAWN :	DRAWING No. :