



Micro Commercial Components



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SRV05-4

5 Volts
ESD Protection
Device

Features

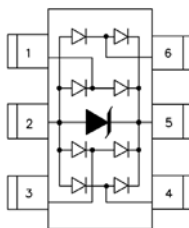
- Small package saves board space
Peak pulse current(tp=8/20us): 6A
Low leakage
ESD protection to over 8kV contact discharge
For space saving application
Can handle multiple ESD strikes
Epoxy meets UL 94 V-0 flammability rating
Moisture Sensitivity Level 1

Maximum Ratings

- Operating Junction & Storage Temperature: -55°C to +150°C

Table with 4 columns: Parameter, Symbol, Limits, unit. Rows include IEC61000-4-2(ESD) Air Contact and IEC61000-4-4 (EFT): @ 5/50ns.

Pin Configuration



SOT-363

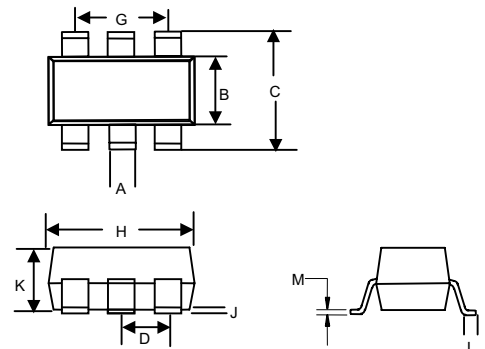


Table with 6 columns: DIM, INCHES (MIN, MAX), MM (MIN, MAX), NOTE. Rows list dimensions A through M.



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Electrical characteristics per line@25°C(unless otherwise specified)

Parameter	Symbol	Conditions	Min.	Typ.	Max.	Units
Reverse stand-off voltage	V_{RWM}	Pin 5 to 2			5	V
Reverse Breakdown voltage	V_{BR}	$I_t = 1\text{mA}$ (Pin 5 to 2)	6			V
Reverse Leakage Current	I_R	$V_{RWM} = 5\text{V}$ $T=25^\circ\text{C}$ (Pin 5 to 2)			2	μA
Clamping Voltage	V_C	$I_{PP}=1\text{A}$ $t_P = 8/20\mu\text{S}$ (Any Pin to 2)			15	V
Junction Capacitance	C_j	$V_R=0\text{V}$ $f = 1\text{MHz}$ (Any I/O pin to pin 2)		2.0		pF
		$V_R=0\text{V}$ $f = 1\text{MHz}$ (Between I/O pins)		1.0		pF



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Ordering Information :

Device	Packing
Part Number-TP	Tape&Reel: 3Kpcs/Reel

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