



Micro Commercial Components

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SRV05-4L

**5 Volts
 ESD Protection
 Device**

Features

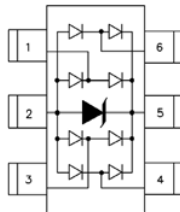
- Lead Free Finish/RoHS Compliant ("P" Suffix designates RoHS Compliant. See ordering information)
- Case Material:Molded Plastic. UL Flammability Classification Rating 94V-0 and MSL Rating 1
- Small package saves board space
- Protects four(4) I/O lines
- Low clamping voltage
- Low capacitance: 1.5pF
- ESD protection to over 8kV contact discharge
- Can handle multiple ESD strikes

Maximum Ratings

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

Parameter	Symbol	Limits	unit
IEC61000-4-2(ESD) Air Contact		±15 ±8	KV
IEC61000-4-4 (EFT): @ 5/50ns		40	A

Pin Configuration



SOT23-6L

DIMENSIONS					
DIM	INCHES		MM		NOTE
	MIN	MAX	MIN	MAX	
A	.013	.020	0.35	0.50	
B	.060	.066	1.52	1.68	
C	.106	.114	2.70	2.90	
D	.037		0.95BSC		
G	.074		1.90BSC		
H	.111	.117	2.82	2.98	
J	.002	.006	0.05	0.15	
K	.035	.051	0.90	1.30	
L	.013	.021	0.35	0.55	
M	.003	.008	0.08	0.22	



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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}				5	V
Reverse Breakdown voltage	V_{BR}	$I_t = 1\text{mA}$	6			V
Reverse Leakage Current	I_R	$V_{RWM} = 5\text{V}$ $T=25^\circ\text{C}$			1	μA
Junction Capacitance	C_j	$V_R=0\text{V}$ $f = 1\text{MHz}$		1.5		pF



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Ordering Information

Device	Packing
(Part Number)-TP	Tape&Reel;3Kpcs/Reel

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