



FEATURES:

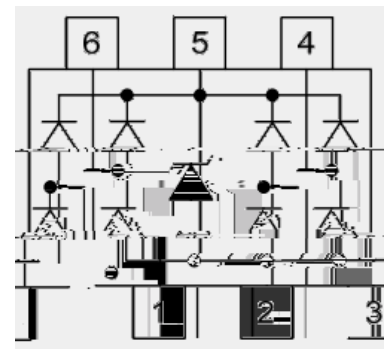
- ◇ Protects four I/O lines
- ◇ Low clamping voltage
- ◇ Low operating voltage
- ◇ Low capacitance
- ◇ RoHS compliant
- ◇ Meets MSL level 3



SOT23-6L

MAIN APPLICATIONS

- ◇ USB power and data line protection
- ◇ Video line protection
- ◇ WAN/LAN equipment
- ◇ Portable electronics
- ◇ 10/100/1000 ethernet
- ◇ Microcontroller input protection



PIN Configuration

PROTECTION SOLUTION TO MEET

- ◇ IEC61000-4-2 (ESD) $\pm 30\text{kV}$ (air), $\pm 30\text{kV}$ (contact)
- ◇ IEC61000-4-4 (EFT) 40A (5/50ns)
- ◇ IEC61000-4-5 (Lightning) 38A (8/20 μs)

MECHANICAL CHARACTERISTICS

- ◇ JEDEC SOT23-6L package
- ◇ Molding compound flammability rating: UL 94V-0
- ◇ Quantity per reel: 3, 000pcs
- ◇ Lead finish: lead free
- ◇ Marking code: H05

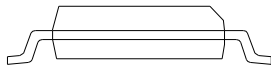
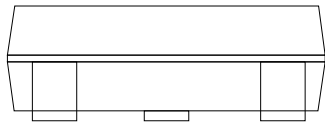
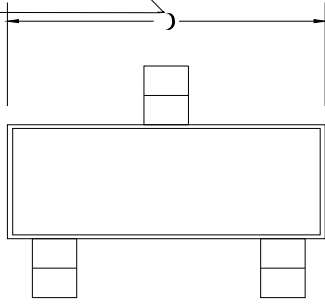
ABSOLUTE MAXIMUM RATINGS (T_A=25 , RH=45%-75%, unless otherwise noted)

Parameter	Symbol	Value	Unit
Peak pulse power dissipation on 8/20 s waveform	P _{PP}	1000	W
ESD per IEC 61000-4-2 (Air) ESD per IEC 61000-4-2 (Contact)	V _{ESD}	+/-30 +/-30	kV
Lead soldering temperature	T _L	260 (10 sec.)	
Operating junction temperature range	T _J	-55 to +125	
Storage temperature range	T _{STG}	-55 to +150	Min

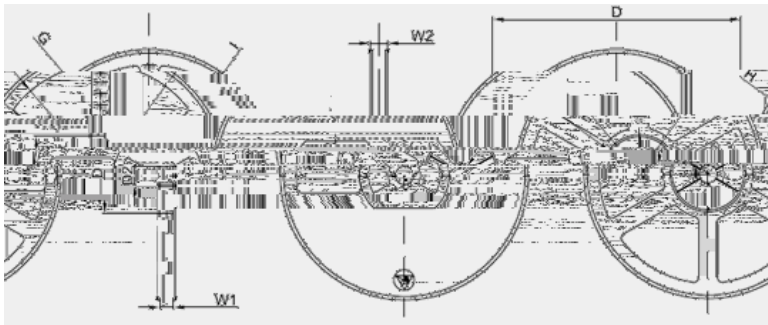
SRV05 4H TVS Diode Array

JieJie Microelectronics CO. , Ltd

PACKAGE MECHANICAL DATA

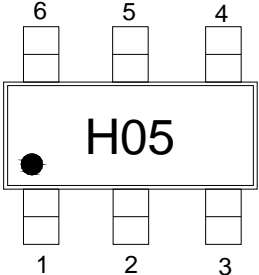


TAPE AND REEL SPECIFICATION SOT23 6L



ORDERING INFORMATION

MARKING CODE

Part Number	Marking Code
SRV05-4H	

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