



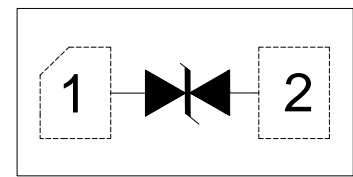
### FEATURES:

- ◇ Small body outline dimensions :0.6mm×0.3mm
- ◇ Low clamping voltage
- ◇ Low operating voltage: 3.3V
- ◇ Low capacitance
- ◇ RoHS compliant



### MAIN APPLICATIONS

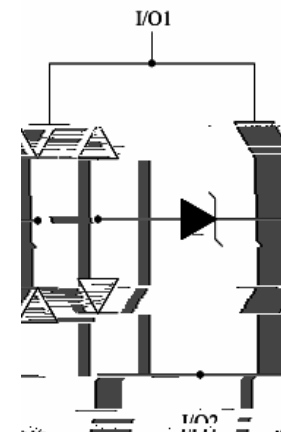
- ◇ Cell phone handsets and accessories
- ◇ Personal digital assistants (PDA's)
- ◇ Notebooks, desktops, and servers
- ◇ Portable instrumentation
- ◇ Communication systems
- ◇ Microprocessor based equipment



Pin Configuration(Top view)

### PROTECTION SOLUTION TO MEET

- ◇ IEC61000-4-2 (ESD) ±15kV (air), ±15kV (contact)
- ◇ IEC61000-4-4 (EFT) 40A (5/50ns)
- ◇ IEC61000-4-5(Lightning) 4A (8/20us)



### MECHANICAL CHARACTERISTICS

- ◇ DFN0603-2L package
- ◇ Molding compound flammability rating : UL 94V-0
- ◇ Quantity per reel : 10,000pcs
- ◇ Marking code: A

### ABSOLUTE MAXIMUM RATINGS (T<sub>A</sub>=25°C, RH=45%-75%, unless otherwise noted)

Parameter	Symbol	Value	Unit
Peak pulse power dissipation on 8/20μs waveform	P <sub>PP</sub>	80	W
ESD per IEC 61000-4-2 (Air)	V <sub>ESD</sub>	+/-15	kV
ESD per IEC 61000-4-2 (Contact)		+/-15	
Lead soldering temperature	T <sub>L</sub>	260 (10 sec.)	
Operating junction temperature range	T <sub>J</sub>	-55 to +125	
Storage temperature range	T <sub>STG</sub>	-55 to +150	

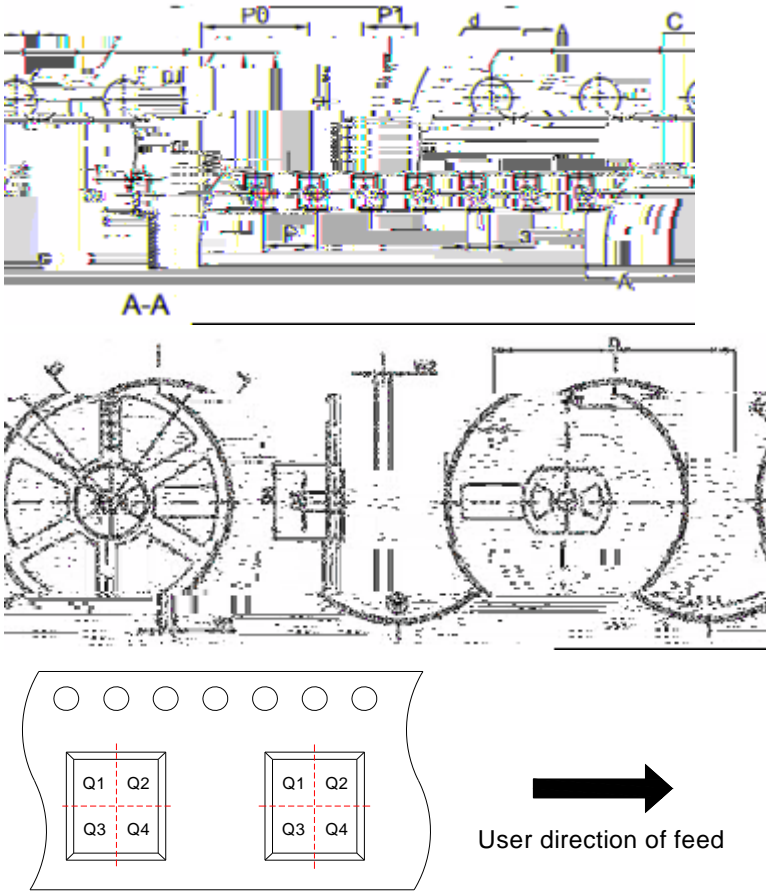
ELECTRICAL CHARACTERISTICS (T<sub>A</sub>=25 )

Parameter	Symbol	Conditions	Min	Typ	Max	Unit
Reverse working voltage	V <sub>RWM</sub>				3.3	V
Reverse breakdown voltage	V					





TAPE AND REEL INFORMATION DFN0603 2L



Pin 1 quadrant:Q1&Q2

Packaging Description:

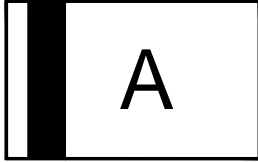
DFN0603-2L parts are shipped in tape. The carrier tape is made from a dissipative(carbon filled) polycarbonate resin. The cover tape is a multilayer film(heat activated adhesive in nature)primarily composed of polyester film, adhesive layer, sealant, and anti-static sprayed agent. These reeled parts in standard option are shipped with 10,000units per 7" or 17.8cm diameter reel. The reels are clear in color and made of polystyrene plastic(anti-static coated).

Symbol	Millimeters	Inches
	Typ.	Typ.
a	0.41	0.016
B	0.70	0.028
C	0.38	0.015
d	1.50	0.059
E	1.75	0.069
F	3.50	0.138
P0	4.00	0.157
P	2.00	0.079
P1	2.00	0.079
W	8.00	0.315
D	178	7.008
D1	54.40	2.142
D2	13.00	0.512
G	R78.00	R3.071
H	R25.60	R1.008
I	R6.50	R0.256
W1	9.50	0.374
W2	12.30	0.484

ORDERING INFORMATION

PART No.	PACKAGE TYPE	QUANTITY(PCS) REEL	DESCRIPTION
JEB03UCDS-A	DFN0603-2L	10,000	7 inch reel pack

MARKING CODE

Part Number	Marking Code
JEB03UCDS-A	PIN 1 

Information furnished in this document is believe