



- ◇ Protects one bi-directional I/O line
- ◇ Low clamping voltage
- ◇ Low operating voltage: 5.0V
- ◇ RoHS compliant

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

- ◇ 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) 5A(8/20us)

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

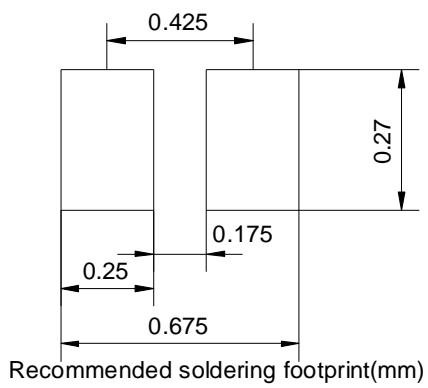
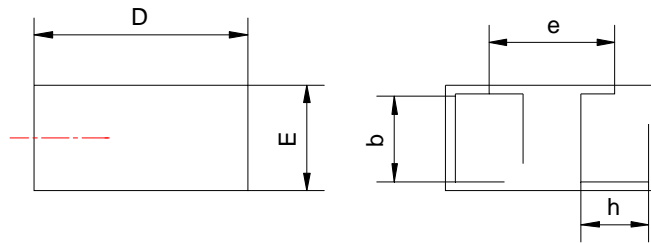
($T_A=25^\circ\text{C}$, RH=45%-75%, unless otherwise noted)

Parameter	Symbol	Value	Unit
Peak pulse power dissipation on 8/20 μs waveform	P_{PP}	80	W

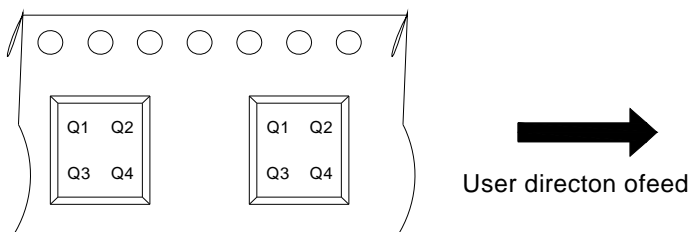
Reflow Condition		Pb-Free assembly (see figure at right)
Pre Heat	-Temperature Min ($T_{s(min)}$)	+150
	-Temperature Max($T_{s(max)}$)	+200
	-Time (Min to Max) (ts)	60-180 secs.

Average ramp up rate (Liquidus Temp
(T_L)to peak)

AW1QfpD5yQhxdCTdqCdqCPV5gf@DJRxA&gqW10AWWw&fvBpDE



TAPE AND REEL INFORMATION DFN0603-2L



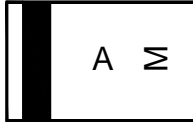
Pin 1 quadrant: Q1&Q2

Packaging Description:

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
JEB05DS-A	DFN0603-2L	10,000	7 inch reel pack

Part Number	Marking Code
JEB05DS-A	<p data-bbox="850 322 932 353">PIN 1</p>  <p data-bbox="850 504 1136 562">A = Specific Device Code M = Month Code</p>

Information furnished in this document is believed to be accurate and reliable. However, Jianguo