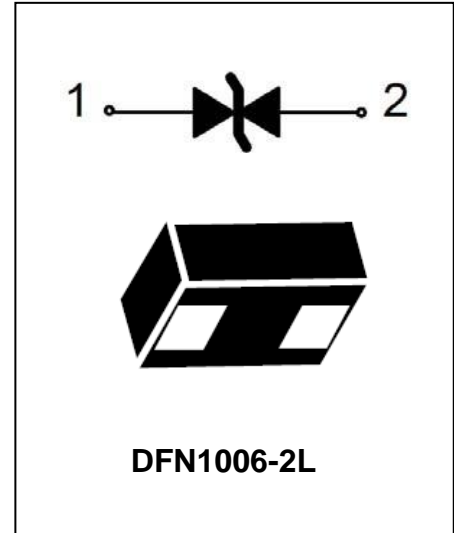


Features

- ◆ low Capacitance 15pF
- ◆ Low Clamping Voltage
- ◆ Small Body Outline Dimensions: 0.039"*0.024"
(1.0 mm x 0.60 mm)
- ◆ Low Body Height: 0.019"(0.5 mm)
- ◆ Stand-off Voltage: 24V
- ◆ Low Leakage
- ◆ Response Time is Typically < 1 ns
- ◆ IEC61000-4-2 Level 4 ESD Protection for data lines
- ◆ These are Pb-Free Devices



Applications

- ◆ 10/100/1000 Mbits/s Ethernet
- ◆ FireWire
- ◆ Display ports
- ◆ MDDI ports
- ◆ Digital Visual Interface (DVI)
- ◆ Cellular handsets & accessories
- ◆ Computer and peripherals

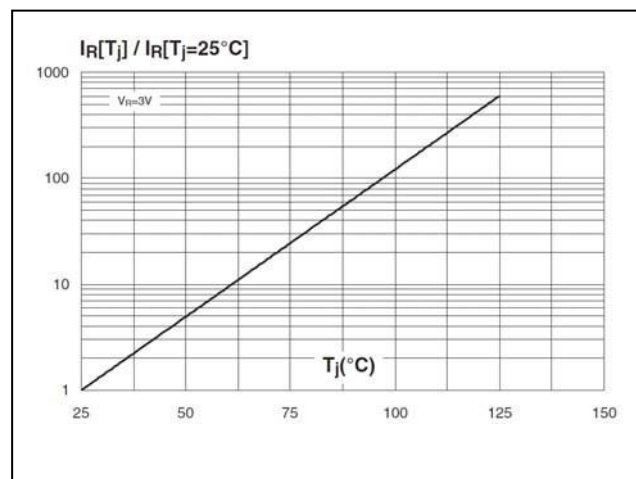
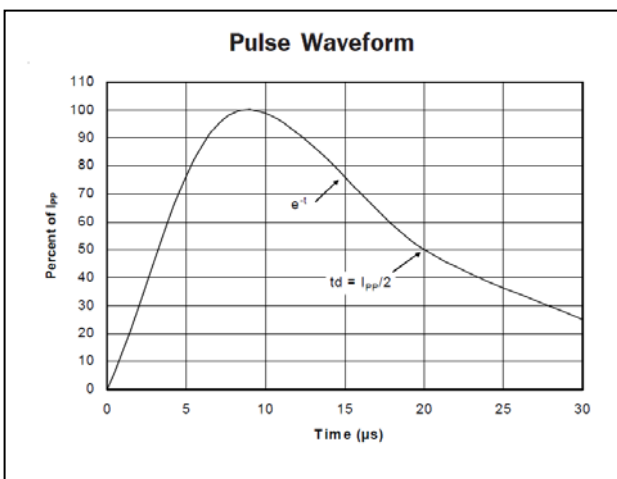
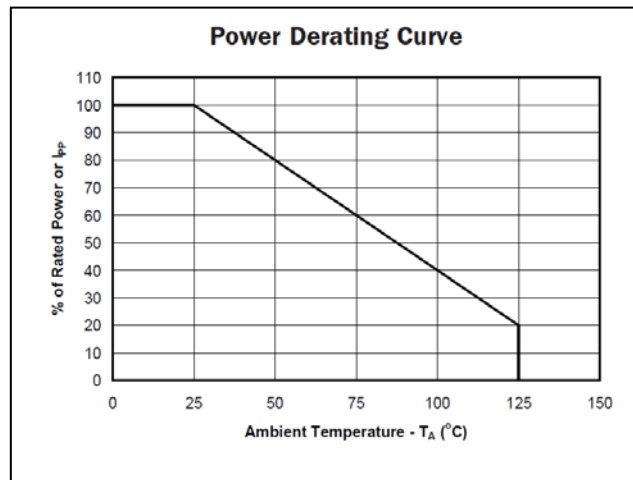
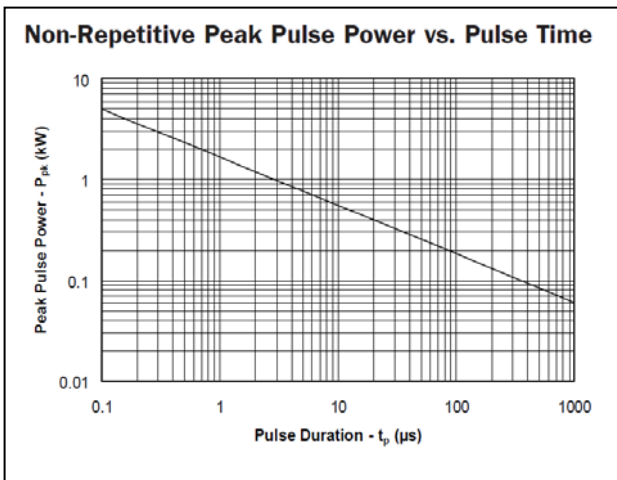
Maximum Rating @ Ta=25°C unless otherwise specified

Symbol	Parameter	Ratings	Units
ESD	IEC 61000-4-2 (HBM-ESD)	Contact	15
		Air	25
T _L	Lead Soldering Temperature	260(10sec.)	°C
T _J	Operating Temperature	-55 to +125	°C
T _{STG}	Storage Temperature	-55 to +150	°C

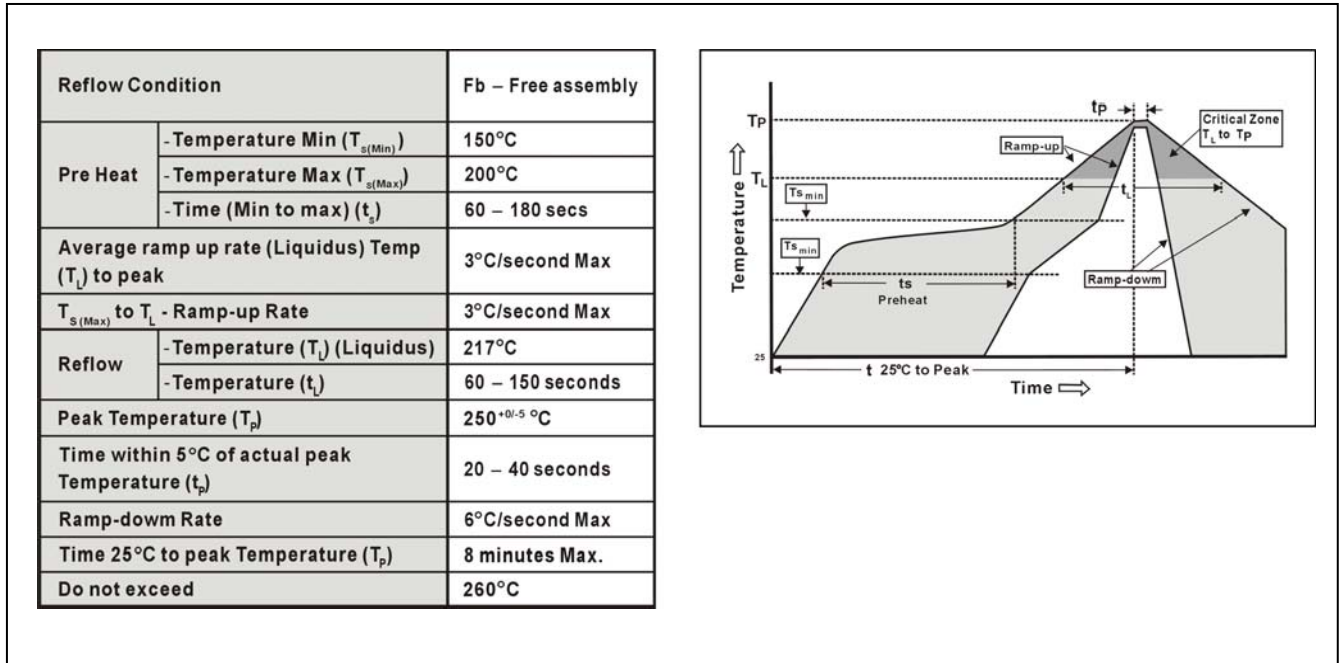
Electrical Characteristics @ Ta=25°C unless otherwise

Symbol	Parameter	Conditions	Min.	Typ.	Max.	Units
V _{RWM}	Reverse Working Voltage				24	V
V _{BR}	Reverse Breakdown Voltage	I _T = 1mA,	26.7		31.8	V
I _R	Reverse Leakage Current	V _{RWM} = 24V			1	μA
V _C	Clamping Voltage	I _{PP} = 1A, t _p = 8/20μs			44	V
		I _{PP} = 3A, t _p = 8/20μs			64	V
C _J	Junction Capacitance	V _R = 0V, f = 1MHz			15	pF

Typical Characteristics @ Ta=25°C unless otherwise specified



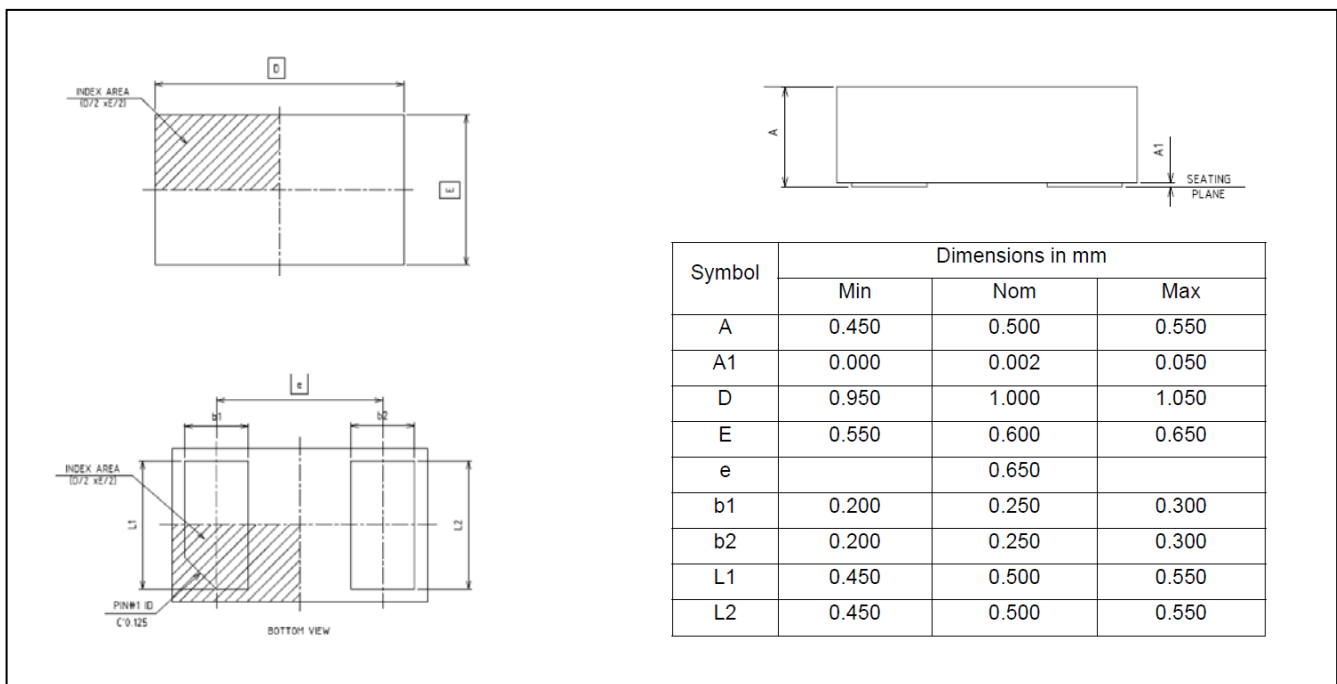
Soldering Parameters



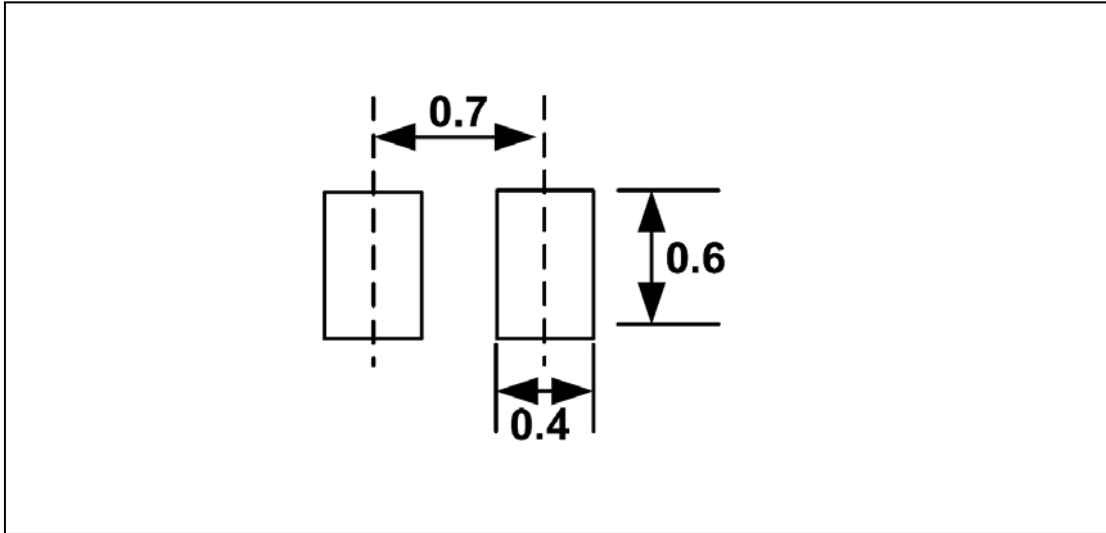
Package Outline

Plastic surface mounted package

DFN 1006-2L



Soldering Footprint



Package And Marking Information

Device	Package	Shipping	Reel Size
ZX2411P	DFN1006-2L	10K/Reel	7 inch