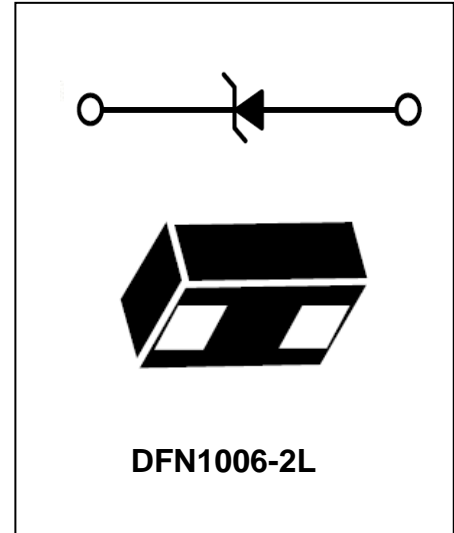


Features

- ◆ 150 Watts peak pulse power ($t_p = 8/20\mu s$)
- ◆ 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



Applications

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

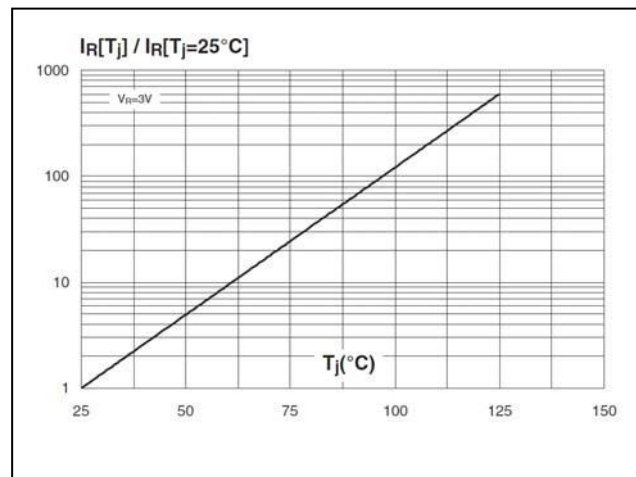
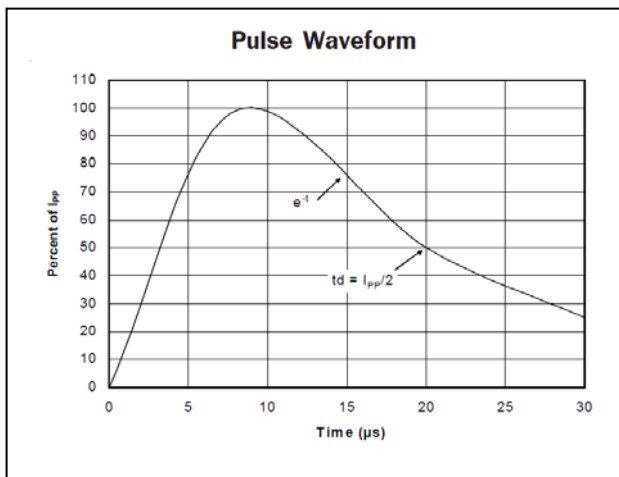
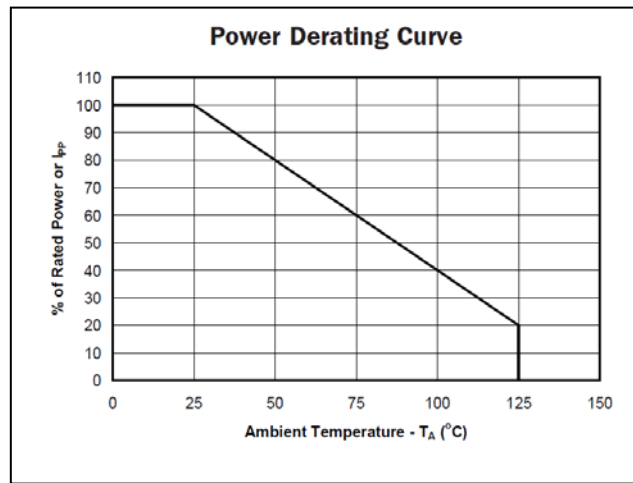
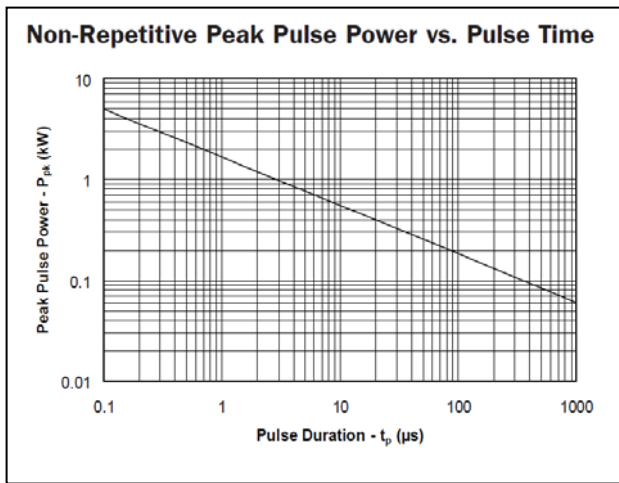
Maximum Rating @ $T_a=25^\circ C$ unless otherwise specified

Symbol	Parameter	Ratings	Units
ESD	IEC 61000-4-2 (HBM-ESD)	Contact	8
		Air	15
T_L	Lead Soldering Temperature	260(10sec.)	$^\circ C$
T_J	Operating Temperature	-55 to +125	$^\circ C$
T_{STG}	Storage Temperature	-55 to +150	$^\circ C$

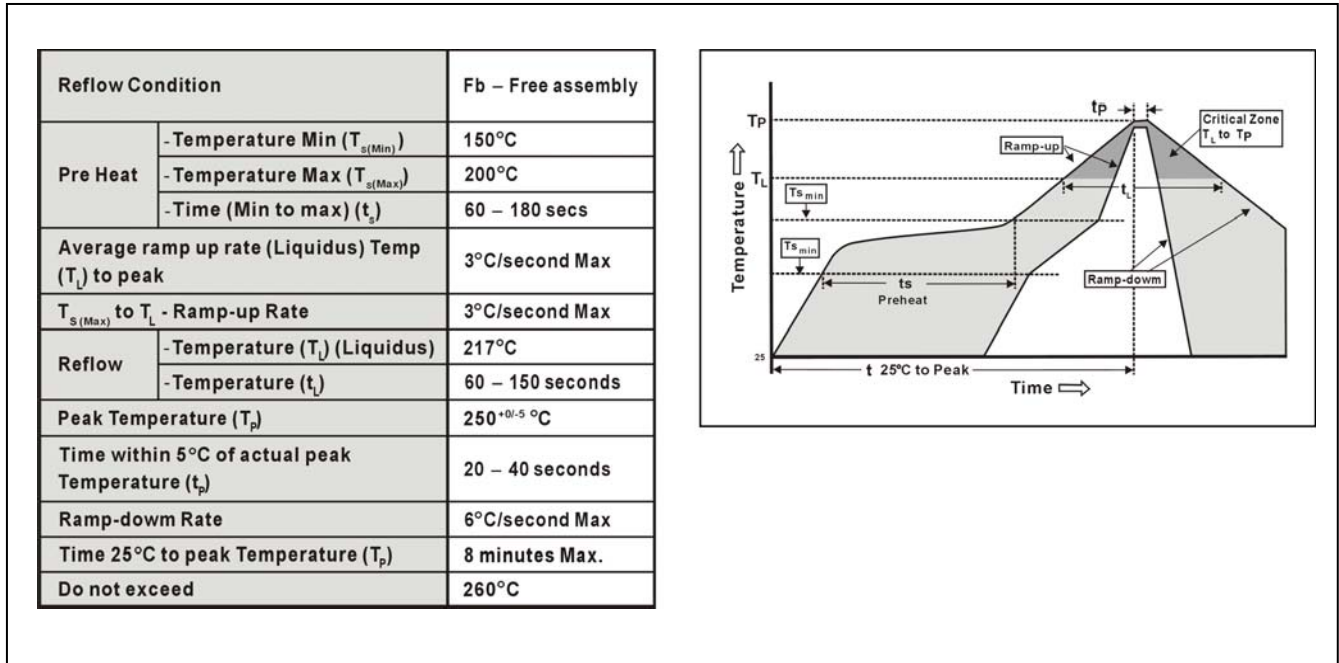
Electrical Characteristics @ Ta=25°C unless otherwise

Symbol	Parameter	Conditions	Min.	Typ.	Max.	Units
V _{RWM}	Reverse Working Voltage				24	V
V _{BR}	Reverse Breakdown Voltage	I _T = 1mA,	26.2		30.8	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			20	pF

Typical Characteristics @ Ta=25°C unless otherwise specified



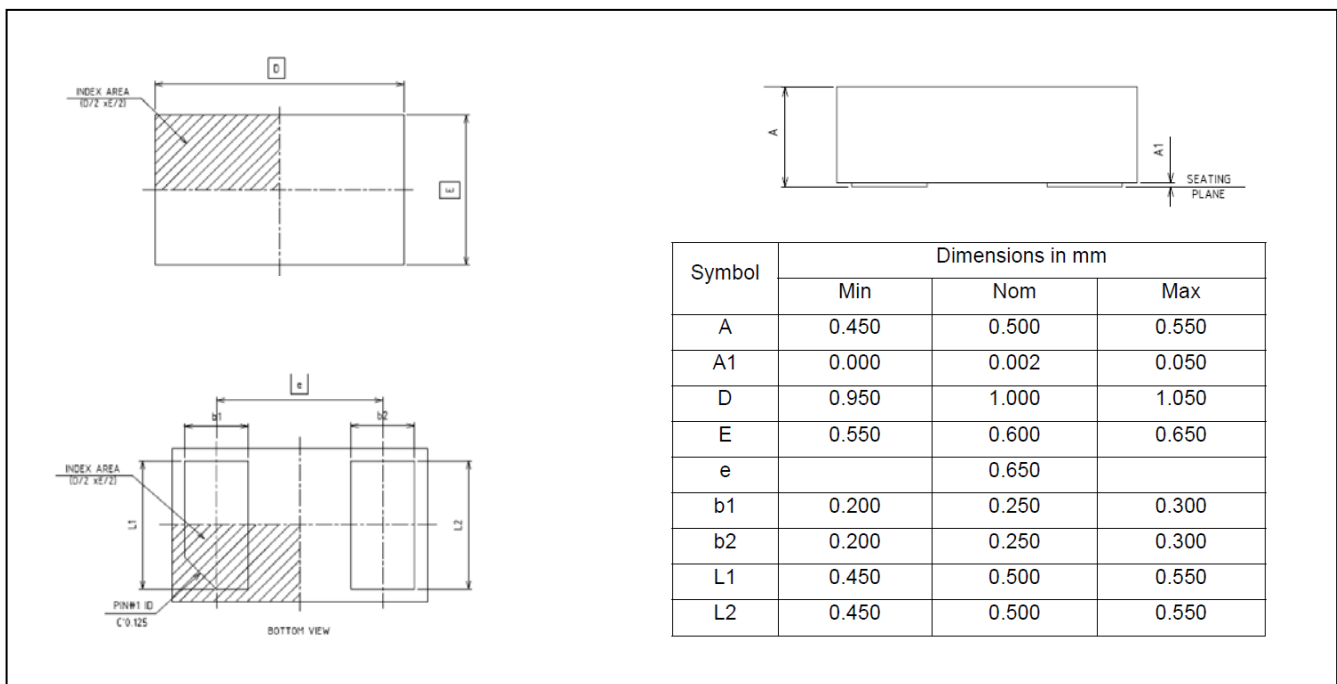
Soldering Parameters



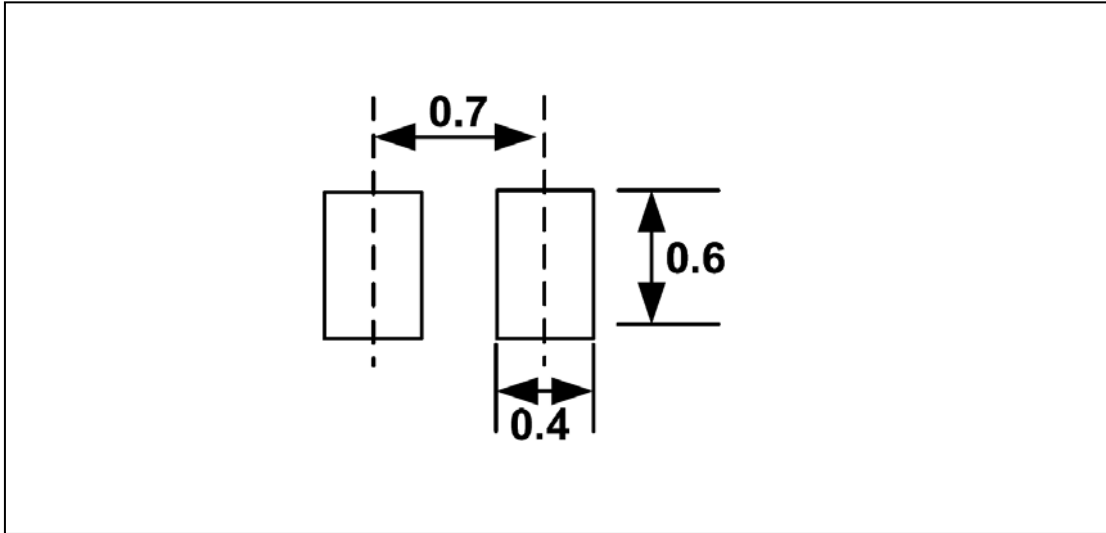
Package Outline

Plastic surface mounted package

DFN 1006-2L



Soldering Footprint



Package And Marking Information

Device	Package	Shipping	Reel Size
ZX2401P	DFN1006-2L	10K/Reel	7 inch