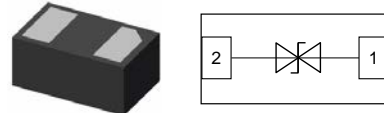


Key Features

- 32Watts peak pulse power ($T_P = 8/20\mu s$)
- DFN0603-2 package
- Bidirectional configurations
- Solid-state silicon-avalanche technology
- Low clamping voltage
- Low leakage current
- Medium capacitance ($C_j=0.45pF$ typ.)
- Protection one data/power line to:
 - IEC 61000-4-2 $\pm 8kV$ contact $\pm 15kV$ air
 - IEC 61000-4-4 (EFT) 40A (5/50ns)
 - IEC 61000-4-5 (Lightning) 4A (8/20 μs)



Applications

- **7 Ugy.** DFN0603-2 (plastic package).
Lead free; RoHS compliant; Halogen Free
- **Ac`X]b[`7 ca dci bX': `Ua a UW]]miF U]b[.**
UL 94 V-0
- **Hyfa]bUg.** High temperature soldering guaranteed:
260 °C/10 sec. at terminals

Applications

- Cell Phone Handsets and Accessories
- Personal Digital Assistants (PDA's)
- Microprocessor based equipment
- Notebooks, Desktops, and Servers
- Portable Instrumentation

Electrical Characteristics

Ratings at 25 °C, ambient temperature unless otherwise specified

Parameter	Symbol	Value	Unit
Peak Pulse Power ($T_P=8/20\mu s$)	P_{PP}	32	W
ESD contact/air discharge (IEC-61000-4-2)	V_{ESD}	8/15	kV
Peak Pulse Current ($T_P = 8/20\mu s$)	I_{PP}	4	A
Junction Temperature	T_J	-55 to +125	°C
Storage temperature	T_{STG}	-55 to +150	°C

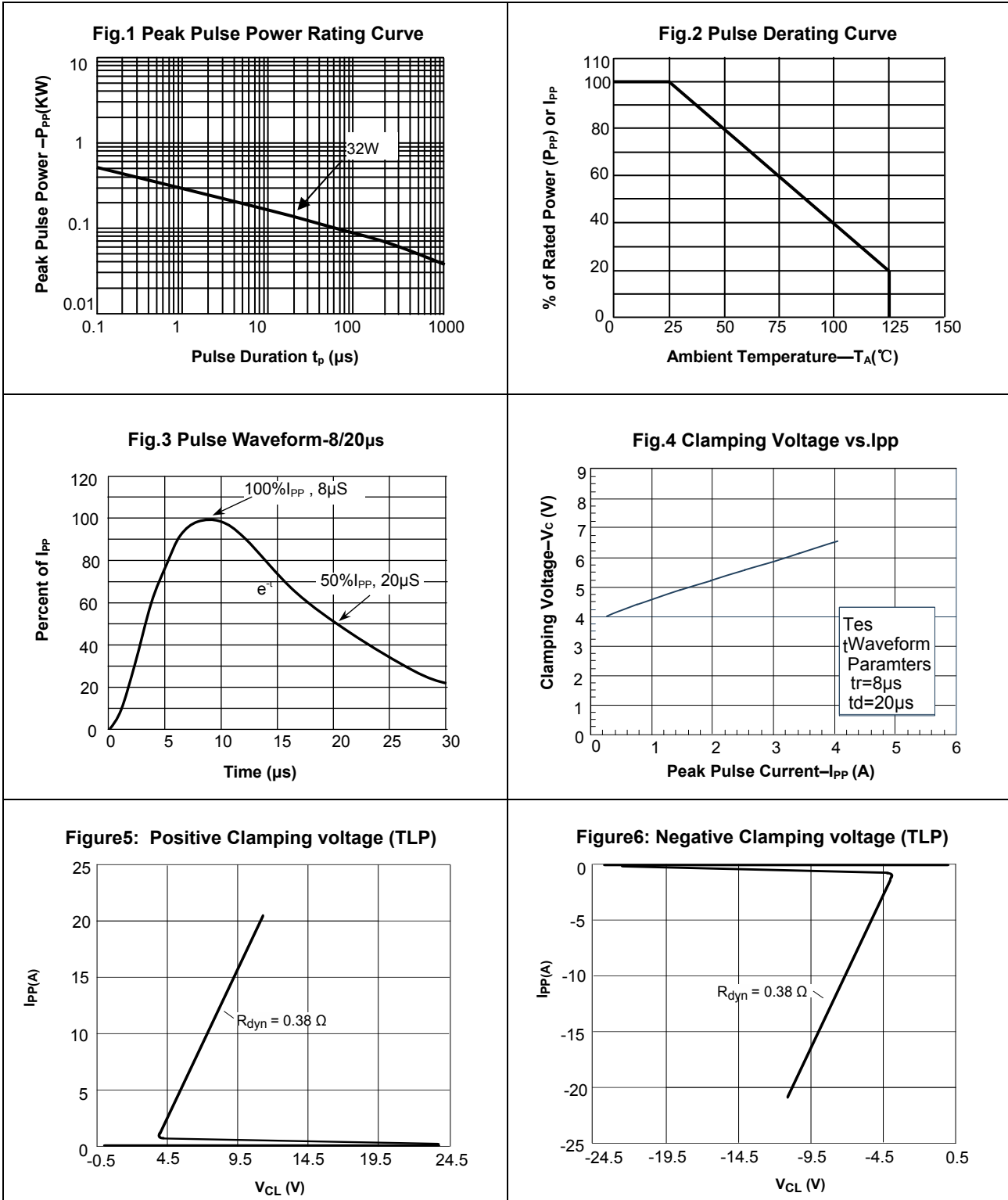
Electrical Characteristics

($T_A = 25\text{ °C}$ unless otherwise specified)

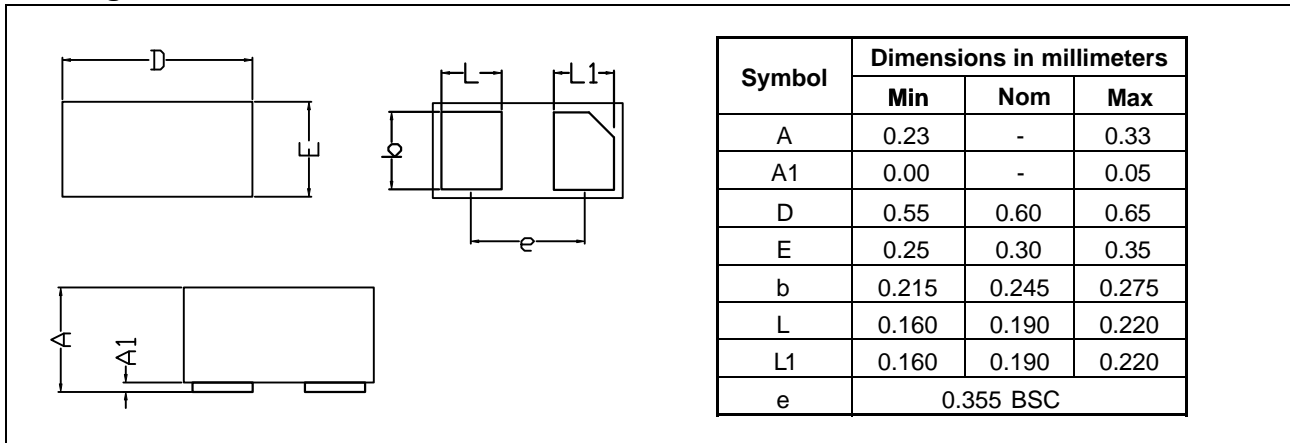
Parameter	Symbol	Condition	Min	Typ	Max	Unit
Reverse stand-off Voltage	V_{RWM}				24.0	V
Holding Voltage	V_H	$I_T=I_H$		3.0		V
Holding Current	I_H		35			mA
Reverse Leakage Current	I_R	$V_{RWM}=22V$			500	nA
Clamping Voltage	V_C	$I_{PP}=4A, T_P=8/20\mu s$		8.0		V
Clamping Voltage(TLP)	V_C	$I_{PP}=16A, T_P=100ns$		9.6		V
Trigger Voltage	V_T			24		V
Dynamic Resistance	R_{dyn}	$T_P=100ns$		0.38		Ω
Junction Capacitance	C_J	$V_R=0V, f=1MHz$		0.45		pF



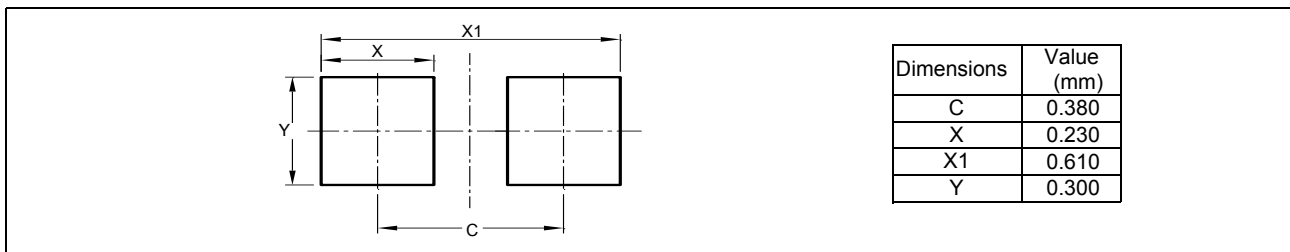
Typical Characteristics ($T_{amb} = 25\text{ }^{\circ}\text{C}$ unless otherwise specified)



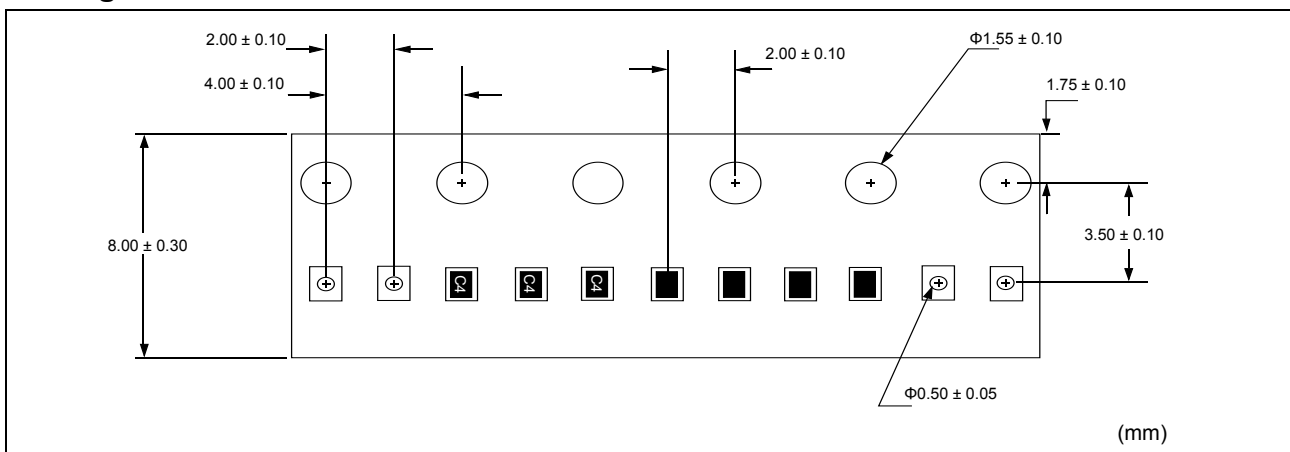
Package Dimensions



Pad Dimensions



Package Information



Ordering information

Order code	Marking	Package	Packaging option	Base quantity	Packaging specification
YEUD0622404AB	C4	DFN0603-2	Tape and reel	10000pcs / reel	EIA STD RS-481