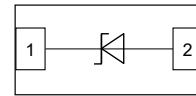


### Key Features

- 60Watts peak pulse power ( $T_P = 8/20\mu s$ )
- DFN0603-2 package
- Solid-state silicon-avalanche technology
- Low clamping voltage
- Low leakage current
- Medium capacitance ( $C_J=0.2pF$  typ.)
- Protection one data/power line to:
  - IEC 61000-4-2  $\pm 15kV$  contact  $\pm 20kV$  air
  - IEC 61000-4-4 (EFT) 40A (5/50ns)
  - IEC 61000-4-5 (Lightning) 3.5A (8/20 $\mu s$ )



### Key Features

- **7 UqY.** DFN0603-2 (plastic package).  
Lead free; RoHS compliant; Halogen free
- **Ac`X]b[ `7 ca dci bX': `Ua a UV] ]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

### 5 Vgc`i hY`AU ]a i a `FU]b[ g

Ratings at 25 °C, ambient temperature unless otherwise specified

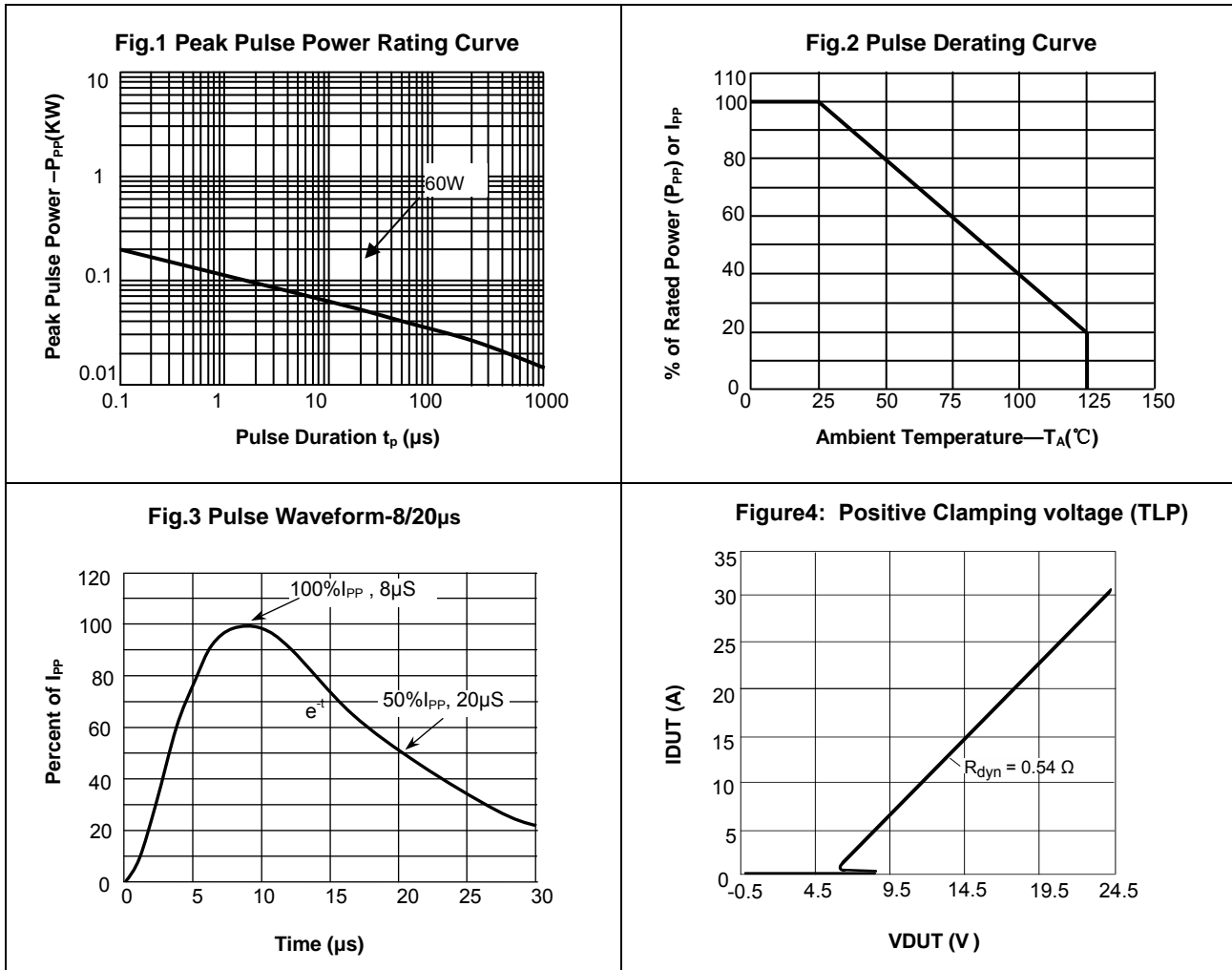
Parameter	Symbol	Value	Unit
Peak Pulse Power ( $T_P=8/20\mu s$ )	$P_{PP}$	60	W
ESD contact/air discharge (IEC-61000-4-2)	$V_{ESD}$	15/20	kV
Peak Pulse Current ( $T_P = 8/20\mu s$ )	$I_{PP}$	3.5	A
Junction Temperature	$T_J$	-55 to +125	°C
Storage temperature	$T_{STG}$	-55 to +150	°C

### Electrical Characteristics

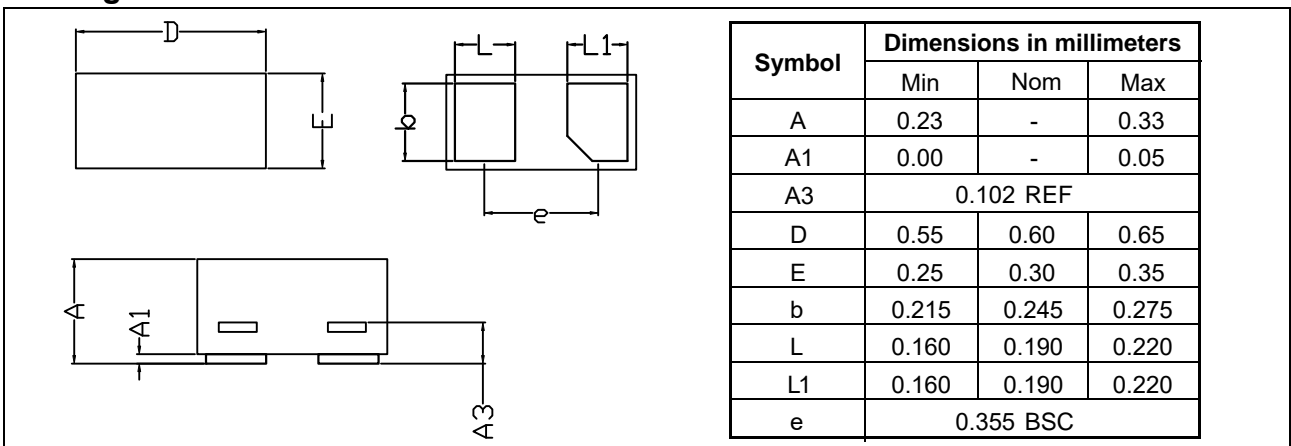
( $T_A = 25$  °C unless otherwise specified)

Parameter	Symbol	Condition	Min	Typ	Max	Unit
Reverse stand-off Voltage	$V_{RWM}$				3.3	V
Reverse Breakdown Voltage	$V_{BR}$	$I_T=1mA$	4.2			V
Reverse Leakage Current	$I_R$	$V_{RWM}=3.3V$			100	nA
Clamping Voltage	$V_C$	$I_{PP}=3.5A, t_p=8/20\mu s$			12	V
Clamping Voltage(TLP)	$V_C$	$I_{PP}=16A, T_P=100ns$			14.5	V
Dynamic Resistance	$R_{dyn}$	$T_P=100ns$		0.54		$\Omega$
Junction Capacitance	$C_J$	$V_R=0V, f=1MHz$		0.2		pF

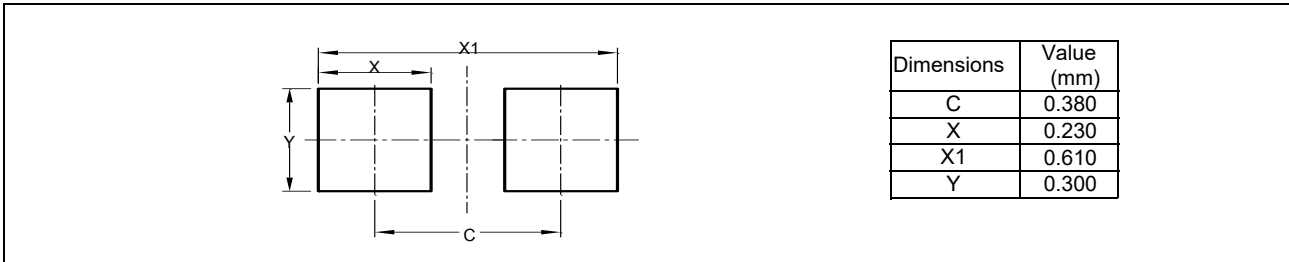
**Typical Characteristics** ( $T_{amb} = 25\text{ }^{\circ}\text{C}$  unless otherwise specified)



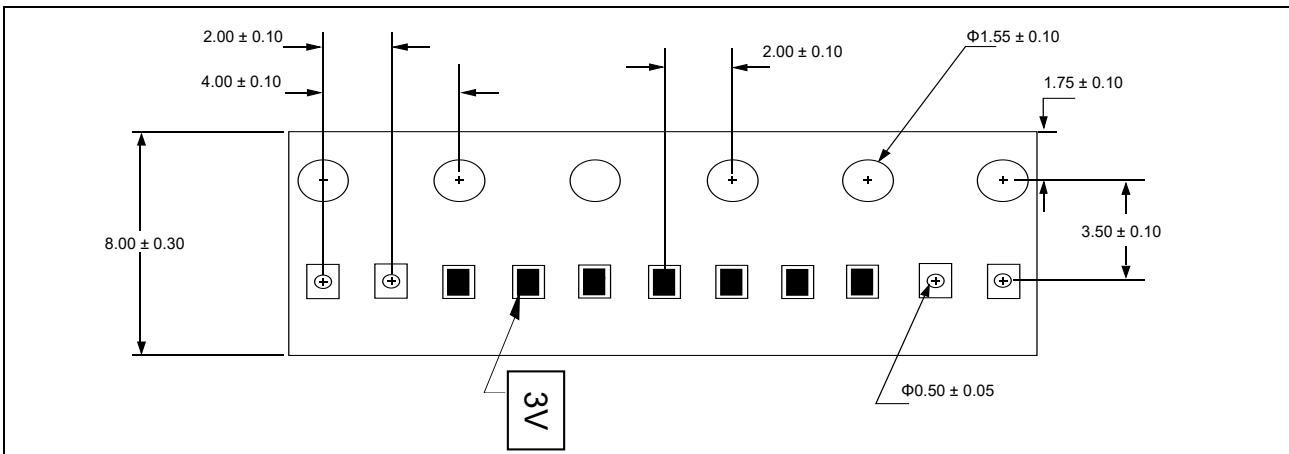
**Package Dimensions**



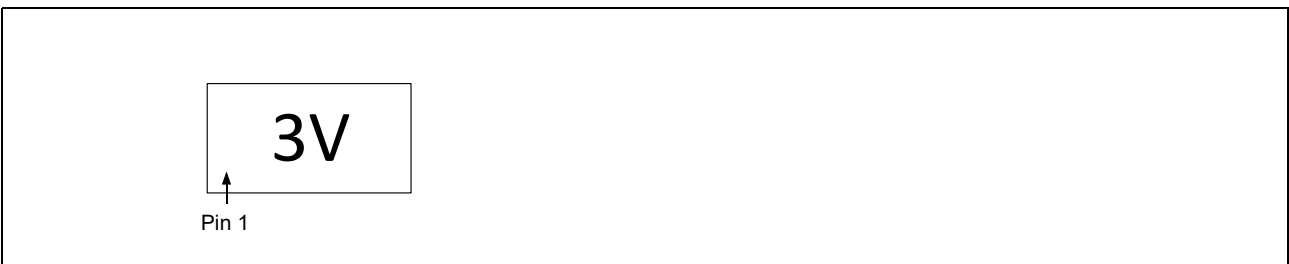
### Pad Dimensions



### Package Information



### Marking



### Ordering information

Order code	Package	Packaging option	Base quantity	Packaging specification
YEUD0623R3A5V	DFN0603-2	Tape and reel	10000pcs / reel	EIA STD RS-481