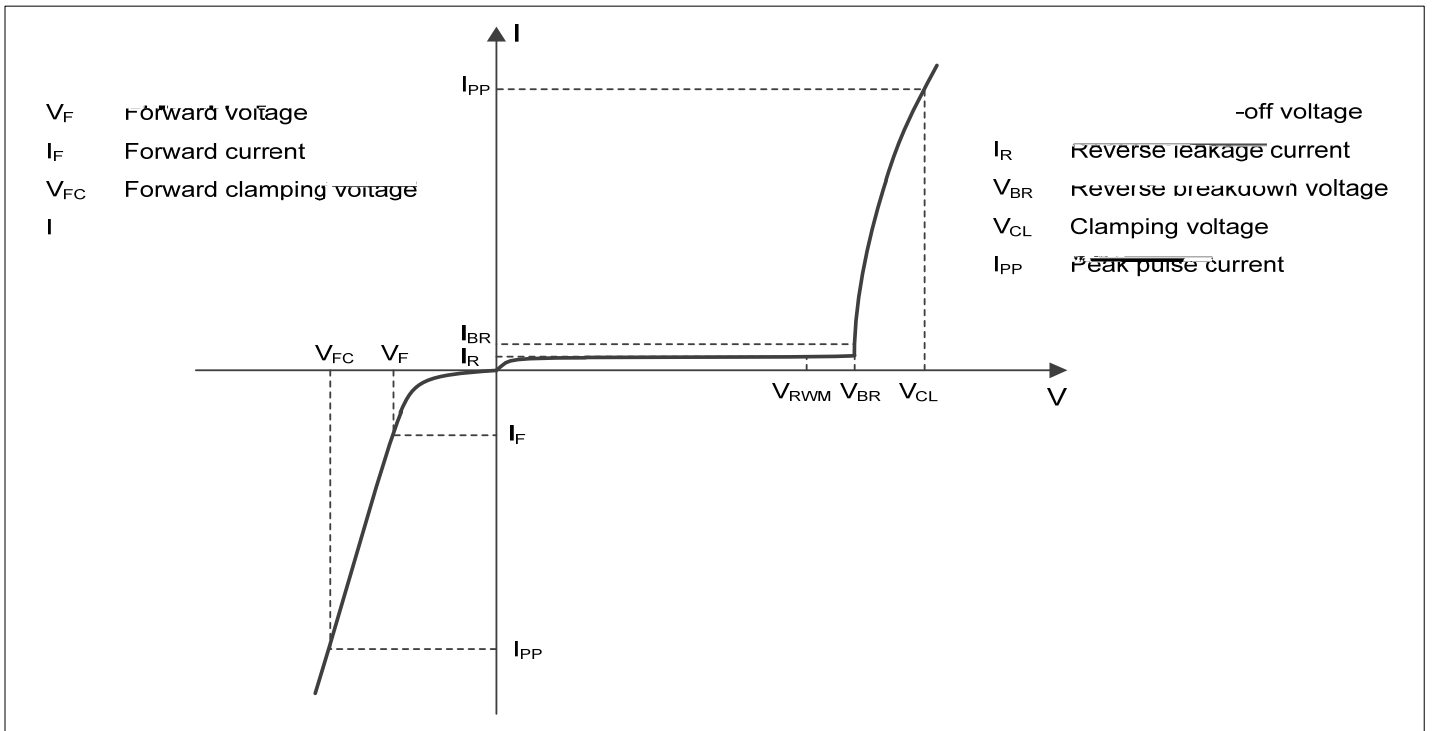
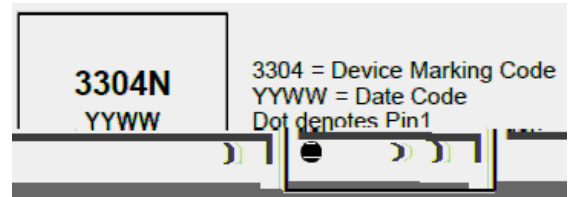


Ultra small package
 Stand-off voltage: 3.3V
 Transient protection for each line according to
 IEC61000-4-2(ESD): ±15kV (contact)
 IEC61000-4-5(surge):24A (8/20µs)
 Low clamping voltage
 RoHS Compliant

Analog Video
 RJ-45 Connectors
 T1/E1 Secondary Protection
 T3/E3 Secondary Protection
 10/100/1000 Ethernet

Package: DFN2626-10L
 Case Material: "Green" Molding Compound.
 Moisture Sensitivity: Level 3 per J-STD-020
 Marking Information: See Below





(Ta=25°C unless otherwise specified)

| | | | |
|---|-----------|----------|----|
| Peak pulse power ($t_p = 8/20\mu s$) | P_{pk} | 450 | W |
| Peak pulse current ($t_p = 8/20\mu s$) | I_{pp} | 24 | A |
| ESD according to IEC61000-4-2 air discharge | V_{ESD} | ± 25 | kV |
| Operating Temperature Range | T_J | -55~125 | |
| Storage Temperature Range | T_{STG} | -55~150 | |

Ta=25 Unless otherwise specified

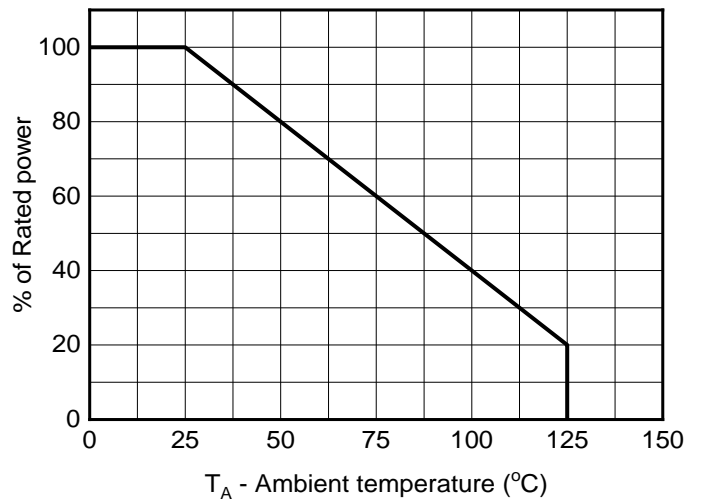
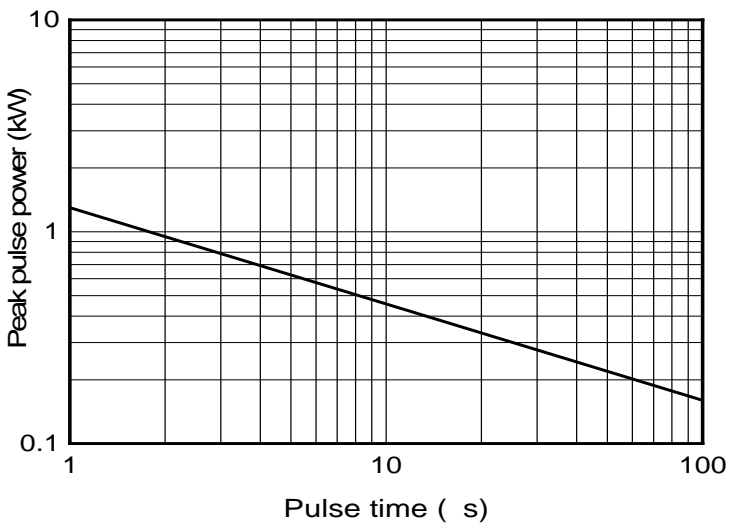
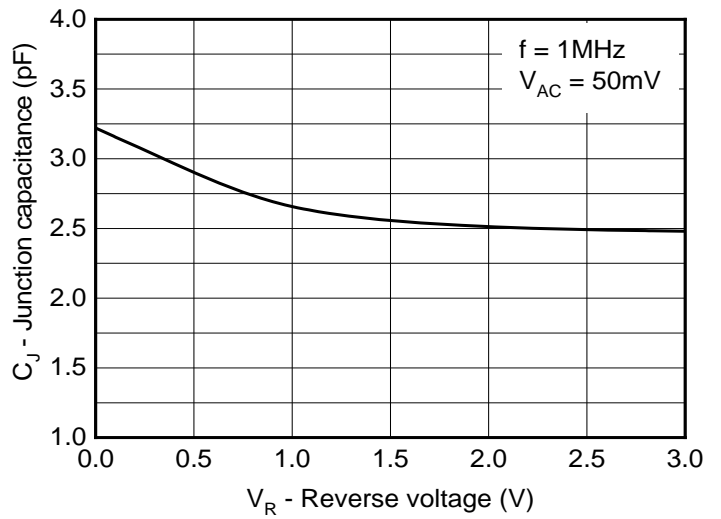
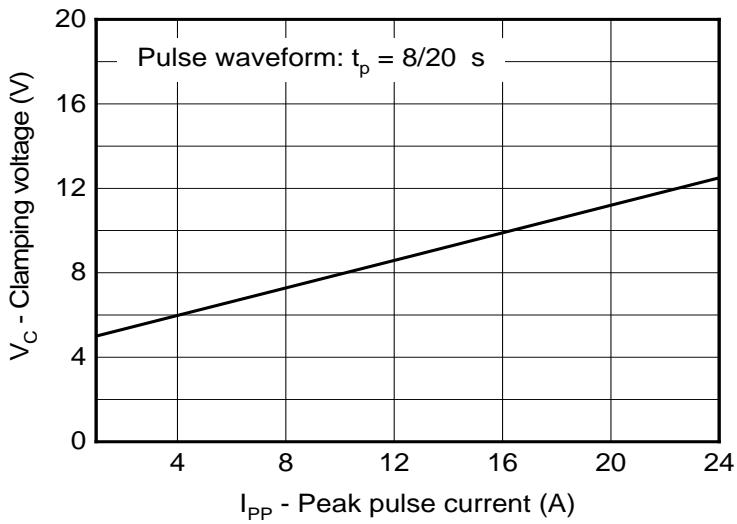
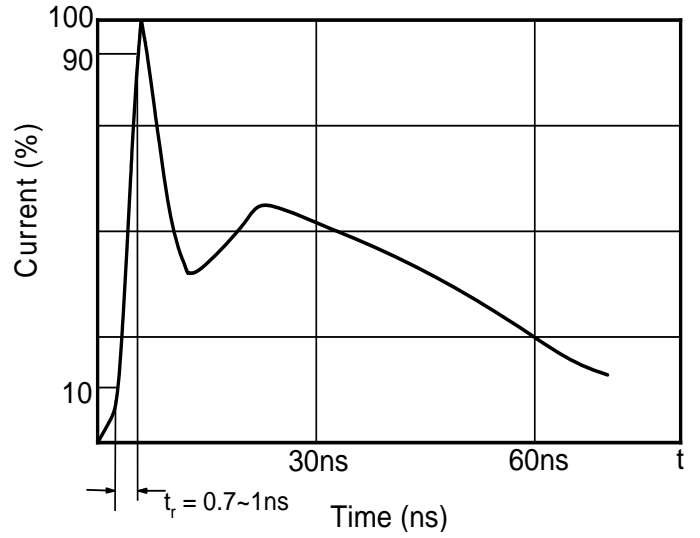
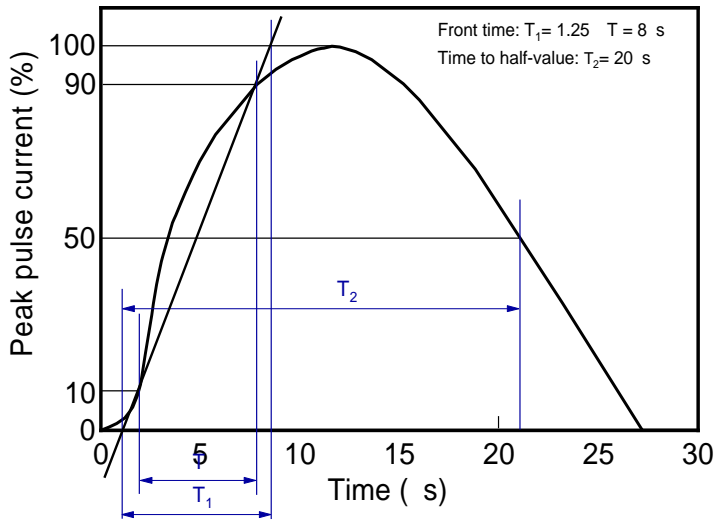
| | | | | | | |
|---------------------------------|-----------|---------|--|-----|-----|------|
| Reverse maximum working voltage | V_{RWM} | V | | | | 3.3 |
| Reverse leakage current | I_R | μA | $V_{RWM} = 3.3V$ | | | 0.5 |
| h u † | V_{PT} | V | $I_{PT} = 2\mu A$ | 3.5 | | |
| o " † | V_{SB} | V | $I_{SB} = 50mA$ | 2.8 | | |
| Clamping voltage ¹⁾ | V_{CL} | V | $I_{PP} = 1A$, (8 x 20 μs pulse), any I/O to GND | | | 5.5 |
| Clamping voltage ¹⁾ | V_{CL} | V | $I_{PP} = 24A$, (8 x 20 μs pulse), any I/O to GND | | | 18.5 |
| Junction capacitance | C_J | pF | $V_R = 0V$, f = 1MHz between I/O pins | | 2 | |
| Junction capacitance | C_J | pF | $V_R = 0V$, f = 1MHz any I/O to GND | | 3.2 | 5 |

Notes:

(1). Non-repetitive current pulse, according to IEC61000-4-5. (8/20 μs current waveform).



($T_A=25$ unless otherwise Specified)







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