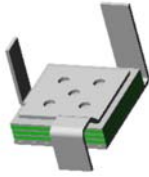


PTVS65CA Transient Voltage Suppressor



Features

- High surge current capability
- Bi-directional TVS
- Glass passivated junction
- Low clamping voltage under surge

Typical Applications

- High power DC bus protection

Mechanical Data

- **Package:** PT01



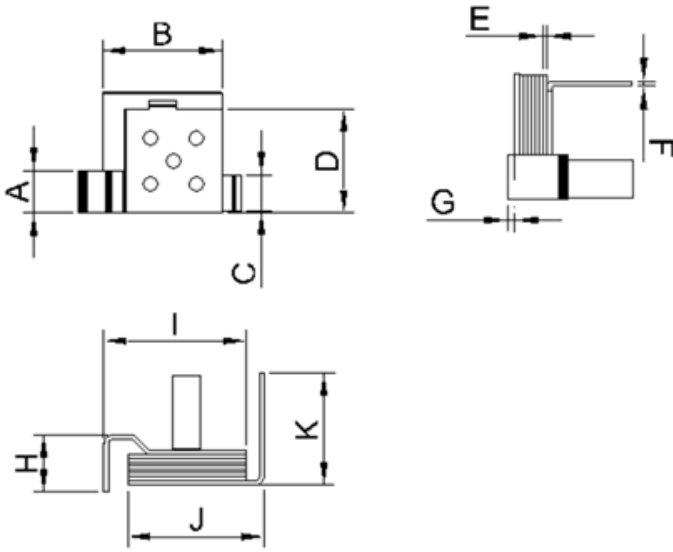
■ Maximum Ratings (T_a=25°C Unless otherwise specified)

PARAMETER	SYMBOL	UNIT	VALUE
Peak pulse current rating per 8/20μs IEC 61000-4-5	I _{pp}	A	15000
Storage temperature	T _{stg}	°C	-55 ~+125
Junction temperature	T _j	°C	-55 ~+125

■ Electrical Characteristics (T_A=25°C unless otherwise noted)

Part Number (Uni)	Breakdown Voltage V _{BR} @I _T			Maximum Reverse Leakage I _R @V _{RWM} (μA)	Working Peak Reverse Voltage V _{RWM} (V)	Maximum Clamping Voltage V _c @ I _{PP} (V)
	Min (V)	Max (V)	I _T (mA)			
PTVS65CA	70	80	10	1	65	120

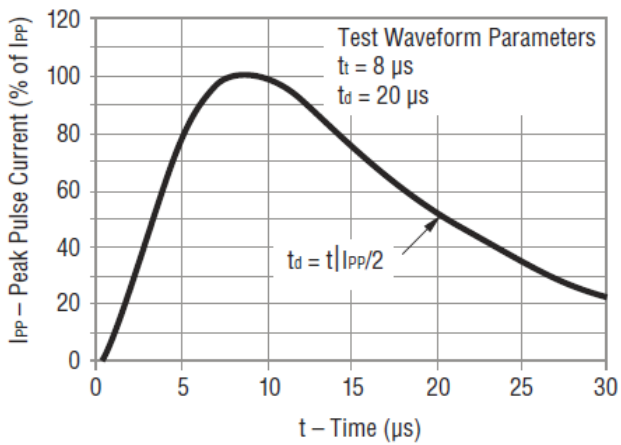
■ Outline Dimensions (mm)



PTVS		
Dim	Min	Max
A	4.50	4.70
B	12.85	13.15
C	3.90	4.10
D	11.15	11.45
E	0.35	0.45
F	0.45	0.55
G	0.72	0.82
H	6.60	6.80
I	15.50	15.70
J	14.90	15.10
K	12.20	12.40

■ Performance Graphs

Current 8/20us Waveform per IEC 6100-4-5





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