

RATING AND CHARACTERISTIC CURVES (CPDV5-5V0U-HF)

Fig. 1 - 8/20us Peak pulse current waveform acc. IEC 61000-4-5

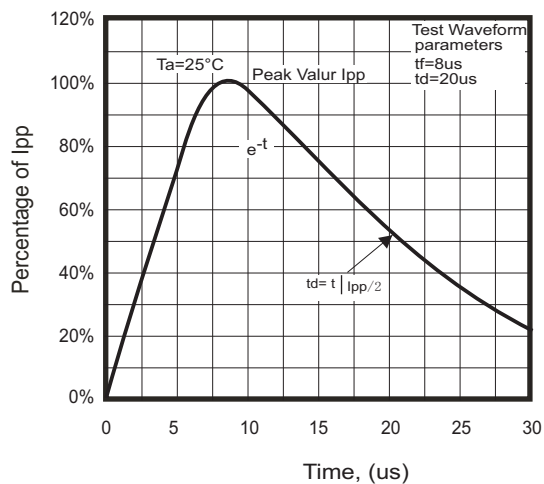


Fig.2 - Power rating derating curve

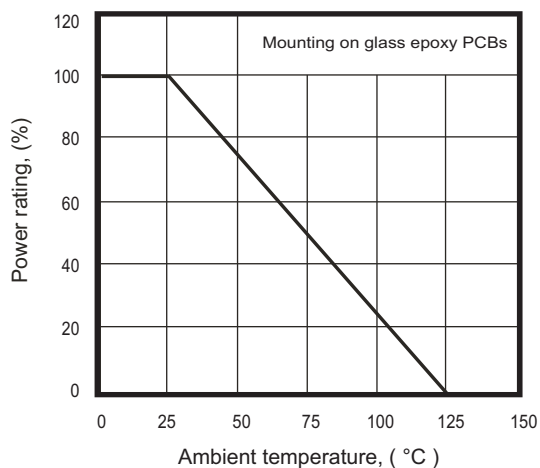


Fig.3 - Clamping voltage vs. peak pulse current

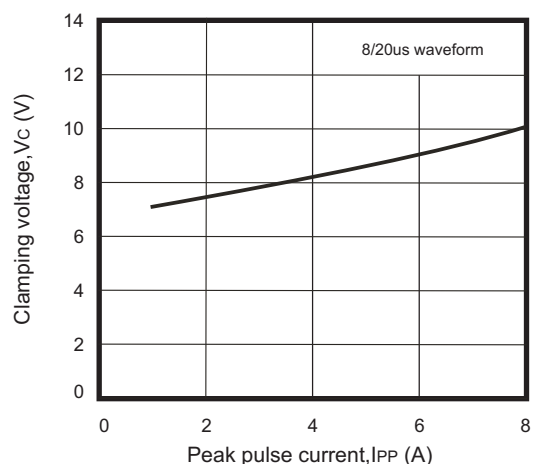
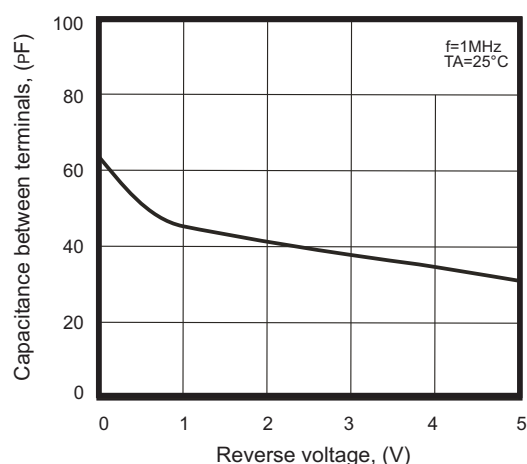
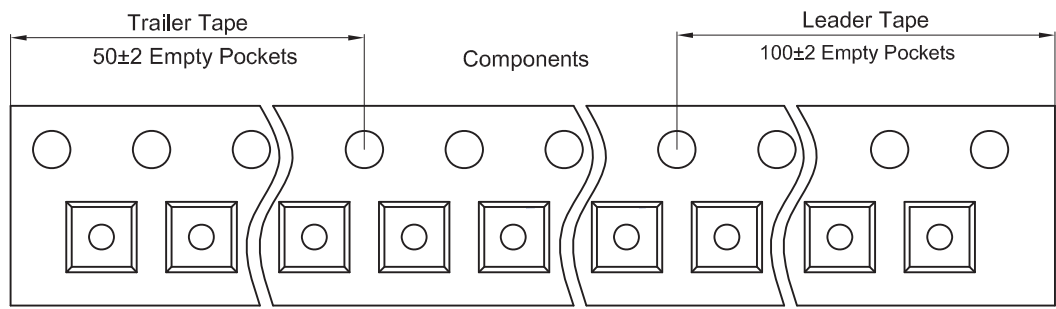
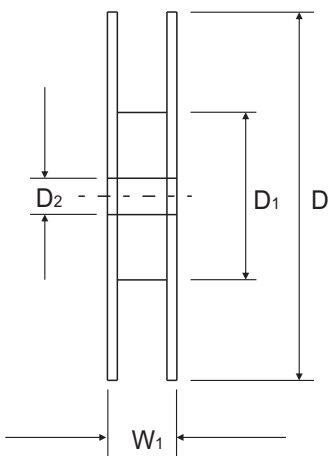
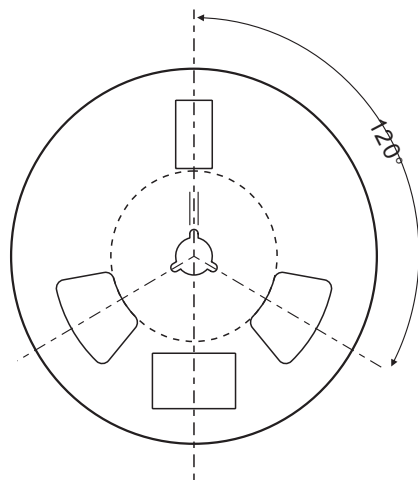
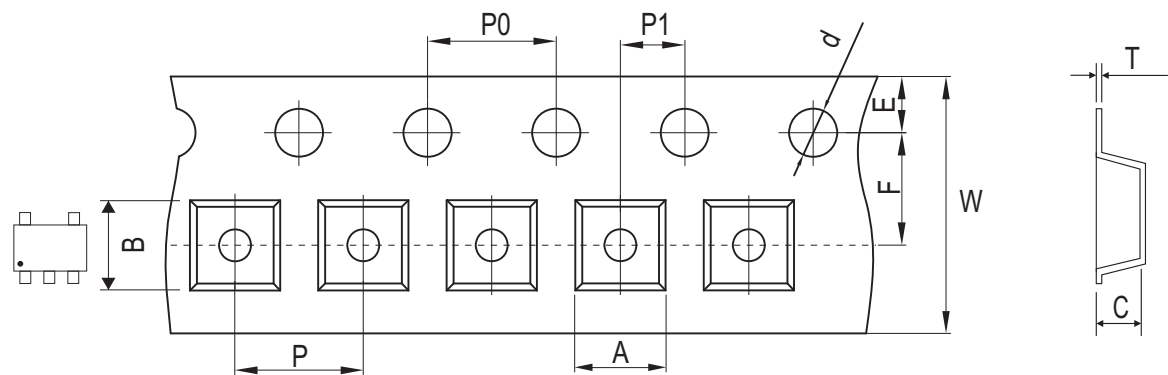


Fig.4 - Capacitance between terminals characteristics



Reel Taping Specification

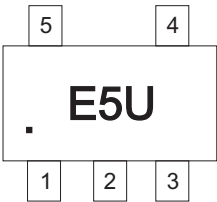


SOT-353	SYMBOL	A	B	C	d	D	D1	D2
	(mm)	2.25±0.05	2.55±0.05	1.20±0.05	1.50±0.10	178±2.00	54.40±1.00	13.00±1.00
	(inch)	0.089±0.002	0.100±0.002	0.047±0.002	0.059±0.004	7.008±0.079	2.142±0.039	0.512±0.039

SOT-353	SYMBOL	E	F	P	P0	P1	W	W1
	(mm)	1.75±0.10	3.50±0.10	4.00±0.10	4.00±0.10	2.00±0.10	8.00+0.30/-0.10	12.30±1.0
	(inch)	0.069±0.004	0.138±0.004	0.157±0.004	0.157±0.004	0.079±0.004	0.315+0.012/-0.004	0.484±0.039

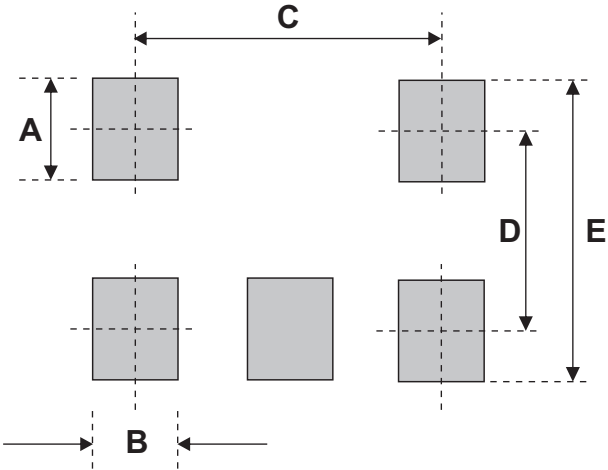
Marking Code

Part Number	Marking Code
CPDV5-5V0U-HF	E5U



Suggested PAD Layout

SIZE	SOT-353	
	(mm)	(inch)
A	0.80	0.031
B	0.40	0.016
C	1.30	0.051
D	1.94	0.076
E	2.74	0.108



Standard Packaging

Case Type	REEL PACK	
	REEL (pcs)	Reel Size (inch)
SOT-353	3,000	7