

RATING AND CHARACTERISTIC CURVES (CPDVR105V0U-HF)

Fig.1 - 8/20us Peak Pulse Current
Wave Form Acc. IEC 61000-4-5

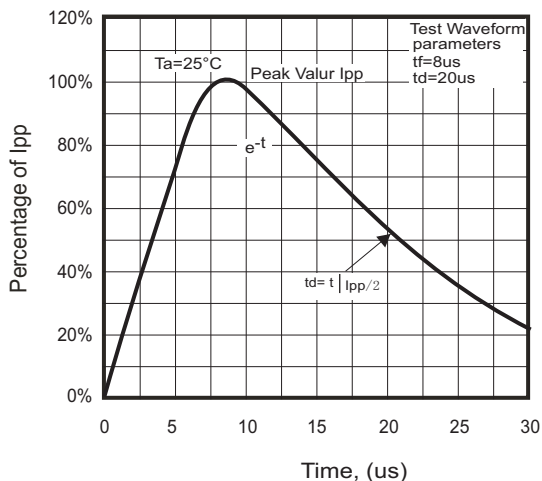


Fig.2 - Power Rating Derating Curve

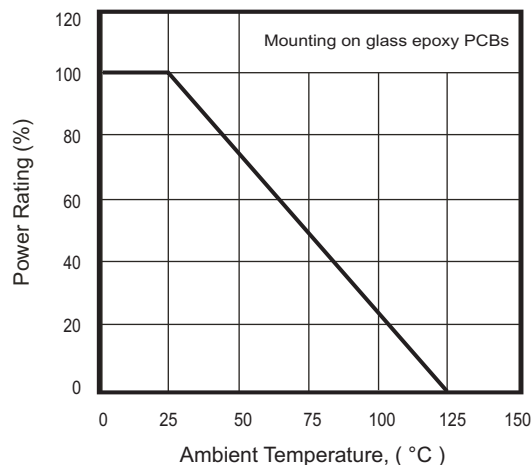


Fig.3 - Forward Characteristic

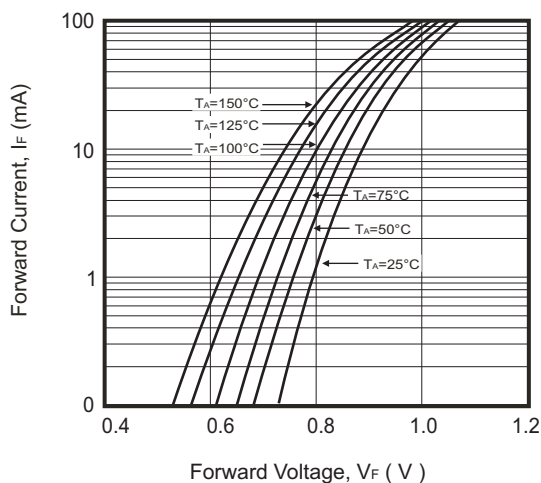


Fig.4 - Clamping Voltage Vs.
Peak Pulse Current

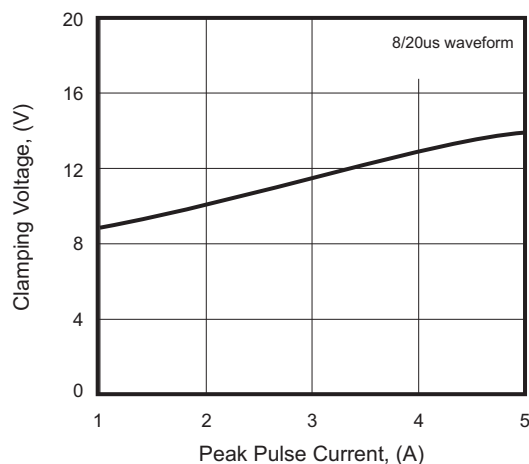
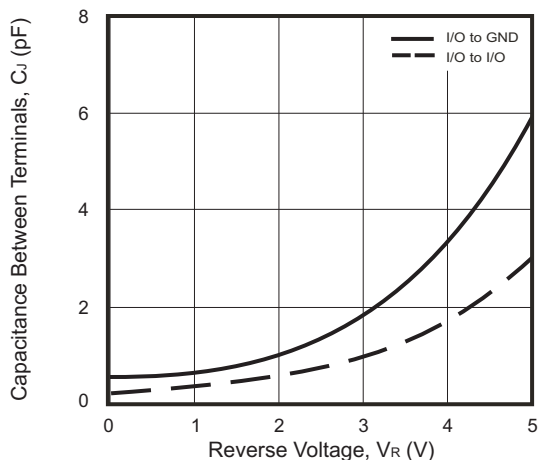
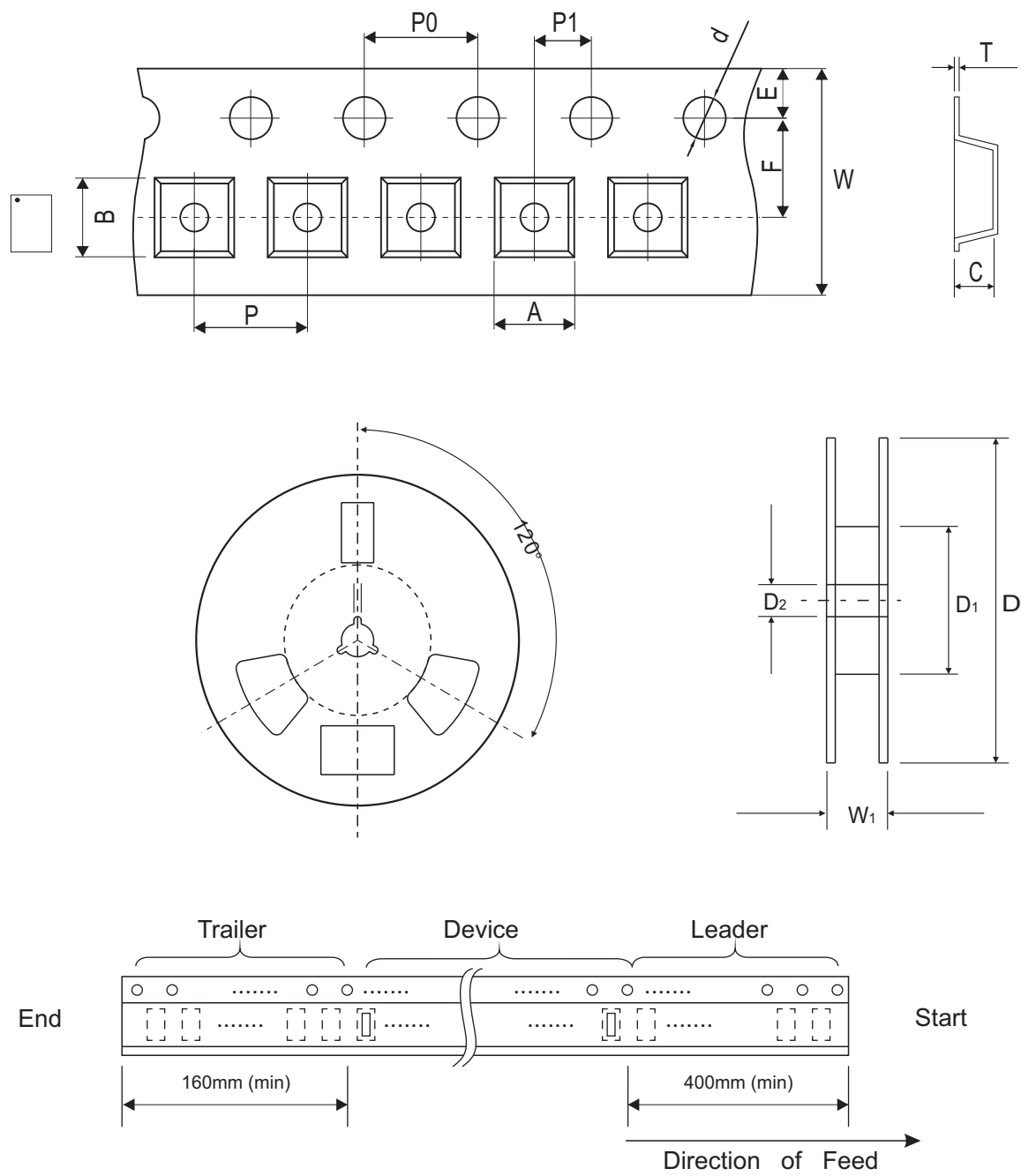


Fig.5 - Typical Capacitance Between
Terminals Characteristics



Reel Taping Specification



DFN2510-10	SYMBOL	A	B	C	d	D	D1	D2
	(mm)	1.20 ± 0.05	2.70 ± 0.05	0.70 ± 0.05	1.50 ± 0.10	180.00 + 0.00 - 3.00	60.00 ± 0.50	13.00 ± 0.20
	(inch)	0.047 ± 0.002	0.106 ± 0.002	0.028 ± 0.002	0.059 ± 0.004	7.087 + 0.000 - 0.118	2.362 ± 0.020	0.512 ± 0.008

DFN2510-10	SYMBOL	E	F	P	P0	P1	T	W	W1
	(mm)	1.75 ± 0.10	3.50 ± 0.05	4.00 ± 0.10	4.00 ± 0.10	2.00 ± 0.10	0.200 ± 0.03	8.00 ± 0.10	13.10 ± 1.30
	(inch)	0.069 ± 0.004	0.138 ± 0.002	0.157 ± 0.004	0.157 ± 0.004	0.079 ± 0.004	0.008 ± 0.002	0.315 ± 0.004	0.516 ± 0.051

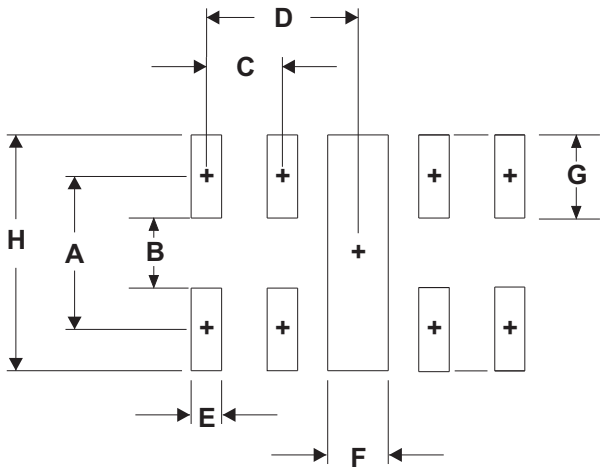
Marking Code

Part Number	Marking Code
CPDVR105V0U-HF	. 0524X



Suggested PAD Layout

SIZE	DFN2510-10	
	(mm)	(inch)
A	0.80	0.031
B	0.20	0.008
C	0.50	0.020
D	1.00	0.039
E	0.20	0.008
F	0.40	0.016
G	0.60	0.024
H	1.40	0.055



Standard Packaging

Case Type	Qty Per Reel	Reel Size
	(Pcs)	(inch)
DFN2510-10	3,000	7