

Rating and Characteristics Curves (DF2005S-G Thru. DF210S-G)

FIG. 1-Derating Curve For Output Rectified Current

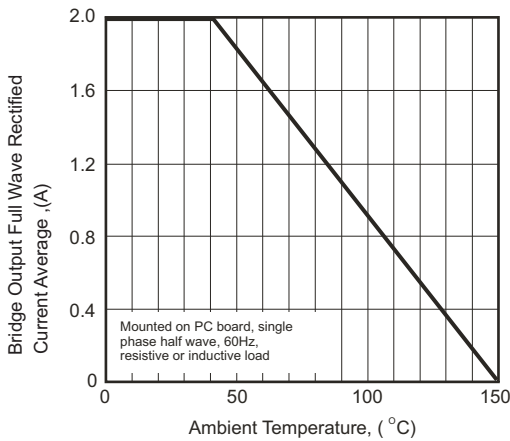


FIG. 2-Maximum Non-Repetitive Peak Forward Surge Current

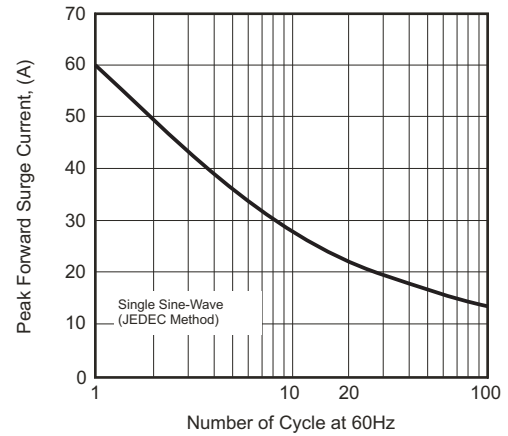


Fig.3- Typical Junction Capacitance

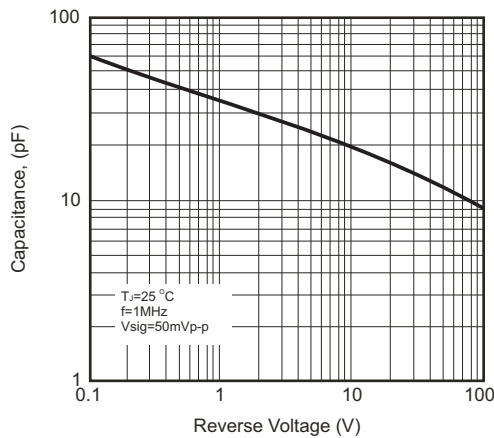


Fig.4- Typical Forward Characteristics

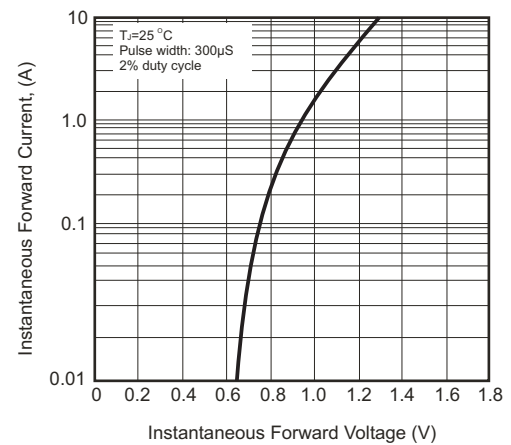
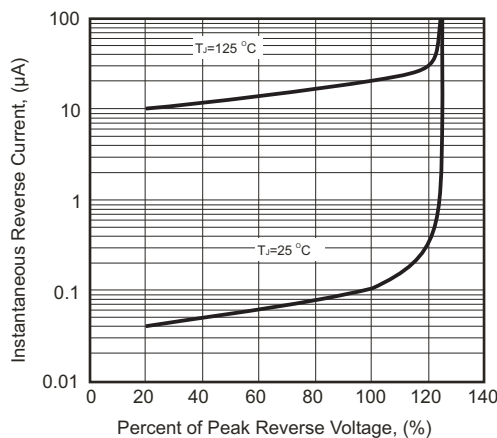
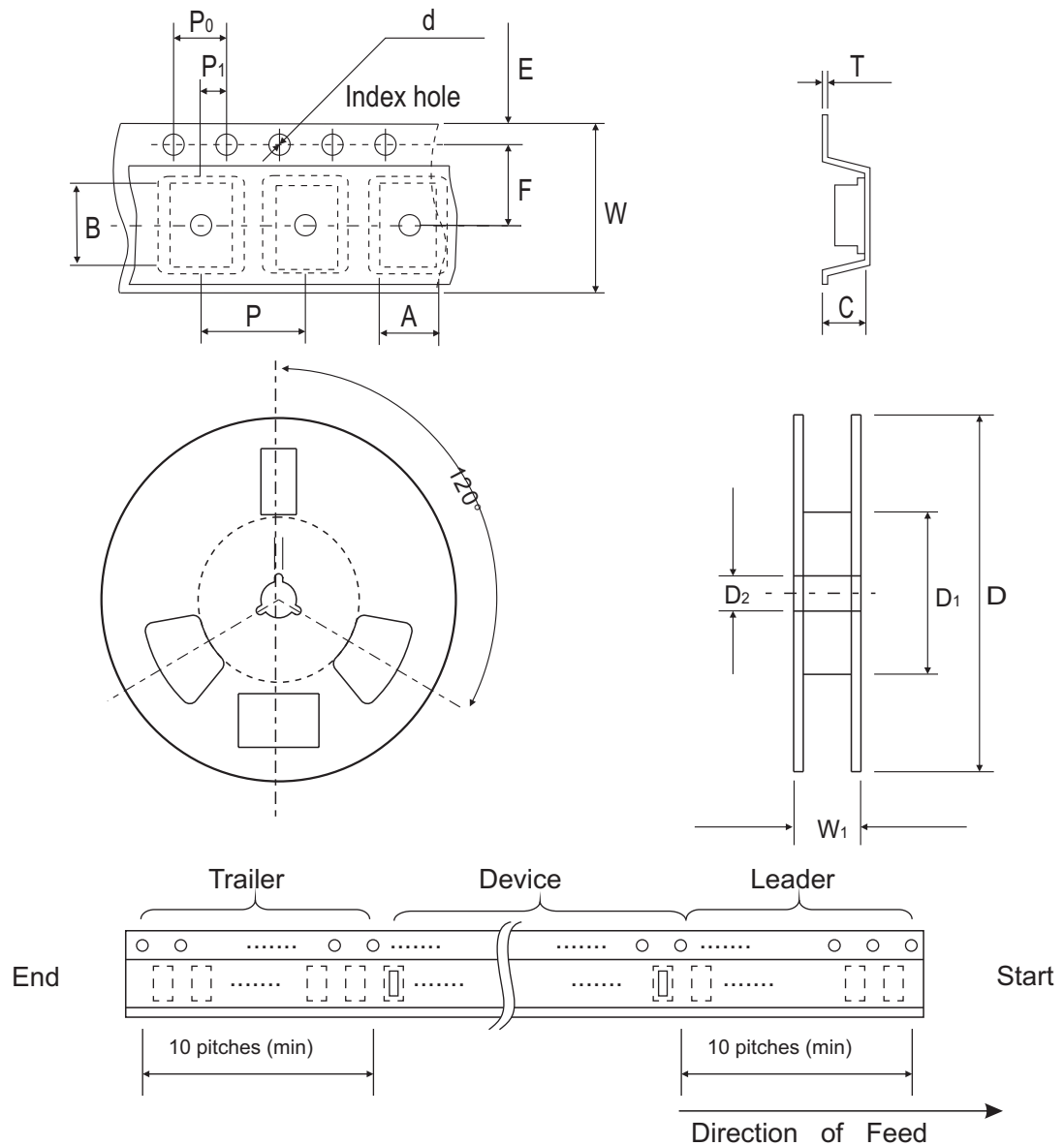


Fig.5- Typical Reverse Characteristics



Reel Taping Specification

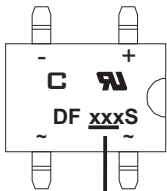


DFS	SYMBOL	A	B	C	d	D	D ₁	D ₂
	(mm)	8.64 ± 0.10	10.41 ± 0.10	3.81 ± 0.10	1.55 ± 0.10	330	50.0 Min	13.0 ± 0.20
	(inch)	0.340 ± 0.004	0.409 ± 0.004	0.150 ± 0.004	0.061 ± 0.004	13.00	1.969 Min	0.512 ± 0.008

DFS	SYMBOL	E	F	P	P ₀	P ₁	W	W ₁
	(mm)	1.75 ± 0.10	7.50 ± 0.05	12.00 ± 0.10	4.00 ± 0.10	2.00 ± 0.10	16.0 ± 0.30	16.00~18.40
	(inch)	0.069 ± 0.004	0.295 ± 0.002	0.472 ± 0.004	0.157 ± 0.004	0.079 ± 0.004	0.630 ± 0.012	0.630~0.724

Marking Code

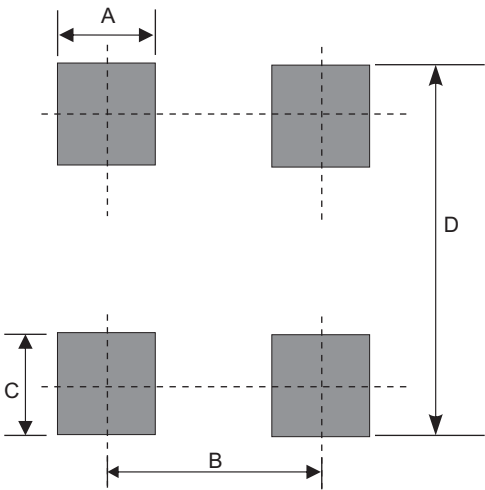
Part Number	Marking code	Packaging
DF2005S-G	DF2005S	Tube
DF201S-G	DF201S	Tube
DF202S-G	DF202S	Tube
DF204S-G	DF204S	Tube
DF206S-G	DF206S	Tube
DF208S-G	DF208S	Tube
DF210S-G	DF210S	Tube
DF2005ST-G	DF2005S	Reel
DF201ST-G	DF201S	Reel
DF202ST-G	DF202S	Reel
DF204ST-G	DF204S	Reel
DF206ST-G	DF206S	Reel
DF208ST-G	DF208S	Reel
DF210ST-G	DF210S	Reel



XXX / XXXX = Product type marking code
C = Comchip Logo

Suggested PAD Layout

SIZE	DFS	
	(mm)	(inch)
A	1.20 Min	0.047 Min
B	5.21 REF	0.205 REF
C	1.52 Min	0.060 Min
D	10.26 Max	0.404 Max



Standard Package

Case Type	REEL PACK			
	REEL (EA)	Reel / Carton (EA)	CARTON (EA)	Reel Size (inch)
DFS	1,000	12	12,000	13

Case Type	TUBE PACK		
	TUBE (EA)	BOX (EA)	CARTON (EA)
DFS	50	5,000	30,000