

Rating and Characteristics Curves (DF005S-G Thru. DF10S-G)

Fig.1 - Forward Current Derating Curve

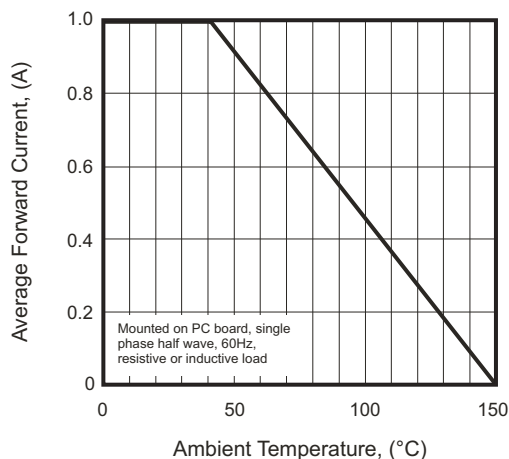


Fig.2 - Maximum Non-repetitive Surge Current

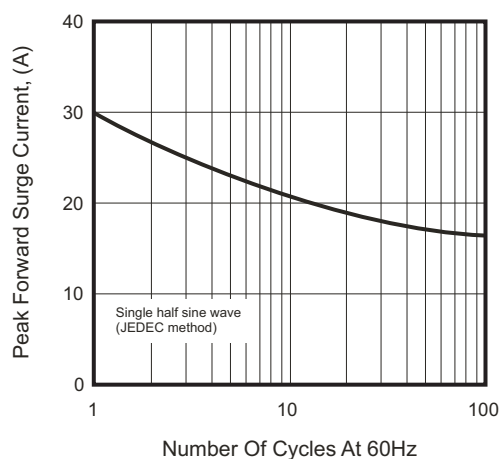


Fig.3 - Typical Junction Capacitance

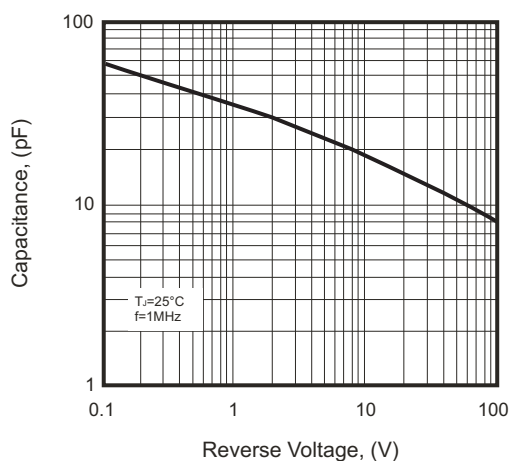


Fig.4 - Typical Forward Characteristics

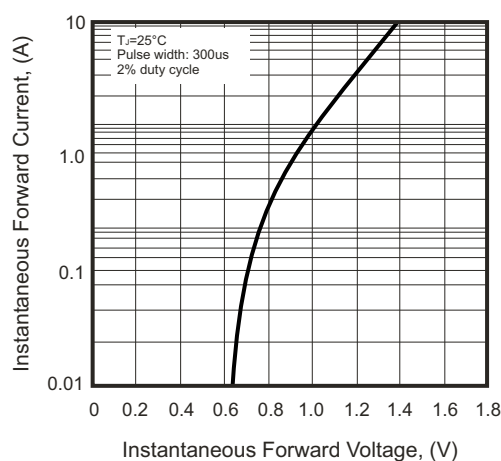
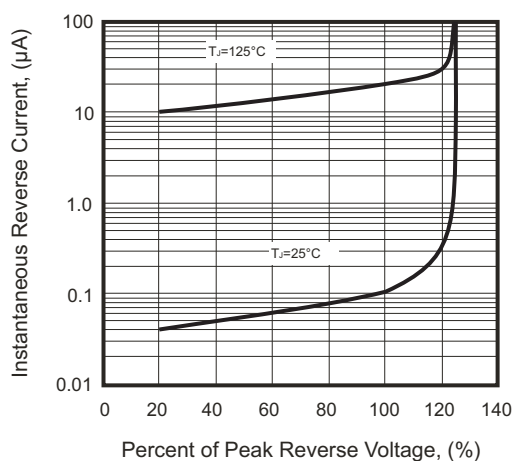


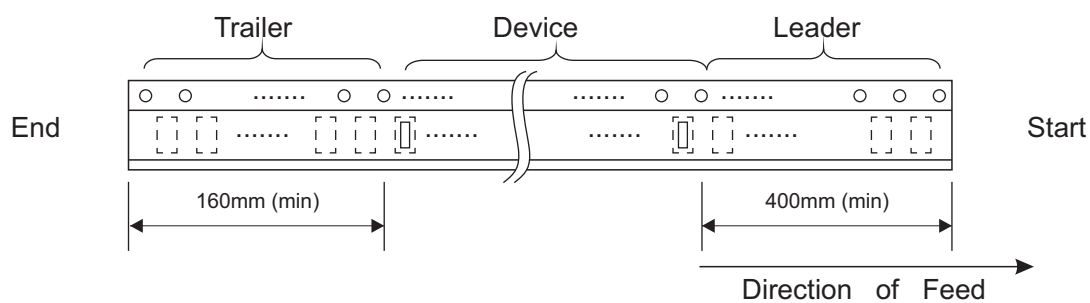
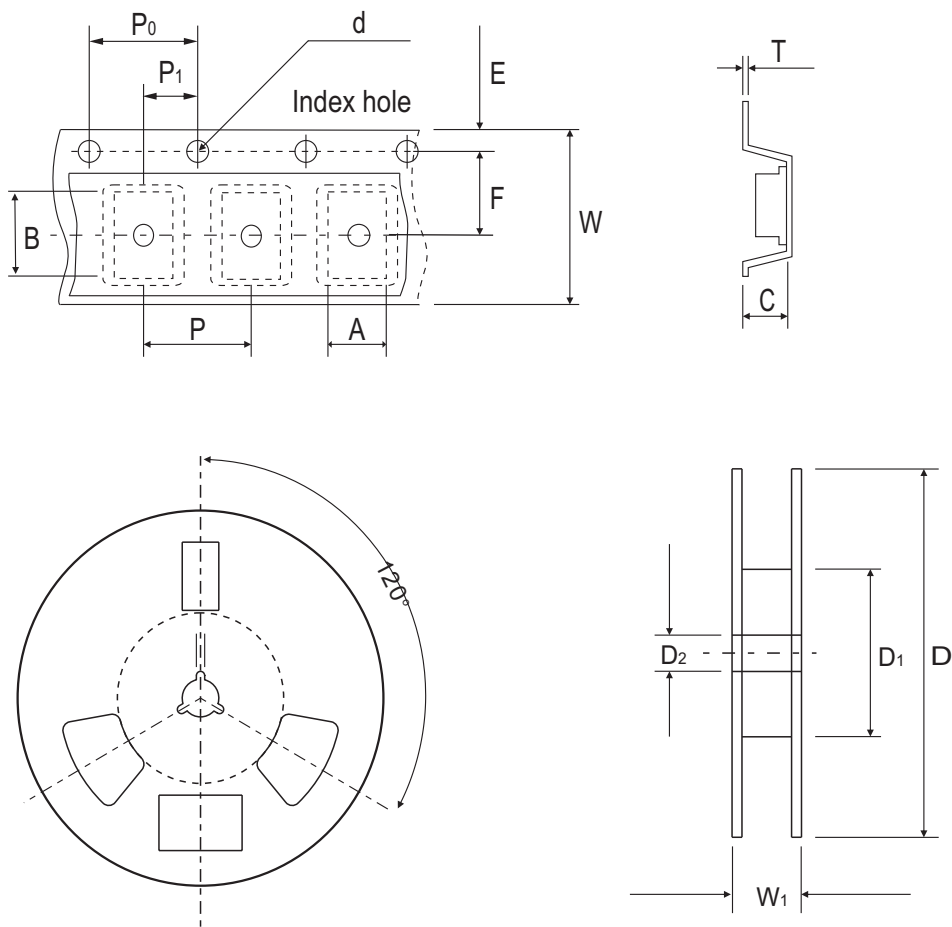
Fig.5 - Typical Reverse Characteristics



Company reserves the right to improve product design , functions and reliability without notice.

REV: G

Reel Taping Specification

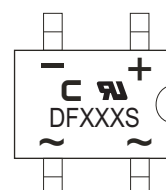


DFS	SYMBOL	A	B	C	d	D	D1	D2
	(mm)	8.64 ± 0.10	10.41 ± 0.10	3.81 ± 0.10	1.55 ± 0.05	330	50.0 MIN.	13.00 ± 0.20
	(inch)	0.340 ± 0.004	0.409 ± 0.004	0.150 ± 0.004	0.061 ± 0.002	13	1.969 MIN.	0.512 ± 0.008

DFS	SYMBOL	E	F	P	P0	P1	T	W	W1
	(mm)	1.75 ± 0.10	7.50 ± 0.05	12.00 ± 0.10	4.00 ± 0.10	2.00 ± 0.10	0.32	16.00 ± 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	0.013	0.630 ± 0.012	0.630~0.724

Marking Code

Part Number	Marking code	Packaging
DF005SP-G	DF005S	Tube
DF01SP-G	DF01S	Tube
DF02SP-G	DF02S	Tube
DF04SP-G	DF04S	Tube
DF06SP-G	DF06S	Tube
DF08SP-G	DF08S	Tube
DF10SP-G	DF10S	Tube
DF005ST-G	DF005S	Reel
DF01ST-G	DF01S	Reel
DF02ST-G	DF02S	Reel
DF04ST-G	DF04S	Reel
DF06ST-G	DF06S	Reel
DF08ST-G	DF08S	Reel
DF10ST-G	DF10S	Reel



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

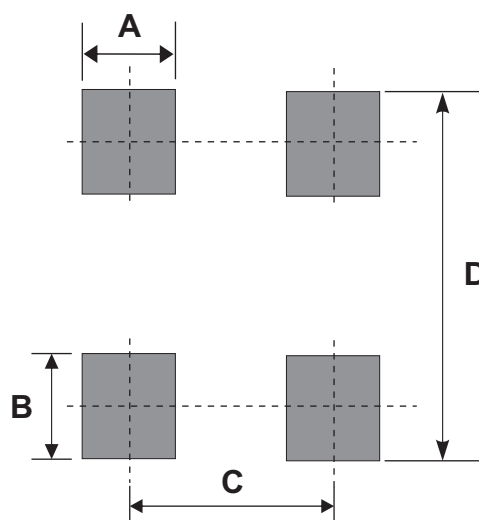
Note:

1) Suffix code after part number to specify packaging item .

Packaging	Code
TUBE PACK	P
REEL PACK	T

Suggested PAD Layout

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



Standard Packaging

Case Type	TUBE PACK	
	TUBE (pcs)	BOX (pcs)
DFS	50	5,000

Case Type	REEL PACK	
	REEL (pcs)	Reel Size (inch)
DFS	1,000	13

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REV: G