

Rating and Characteristics Curves (DB101S-G Thru. DB107S-G)

Fig.1 - Forward Current Derating Curve

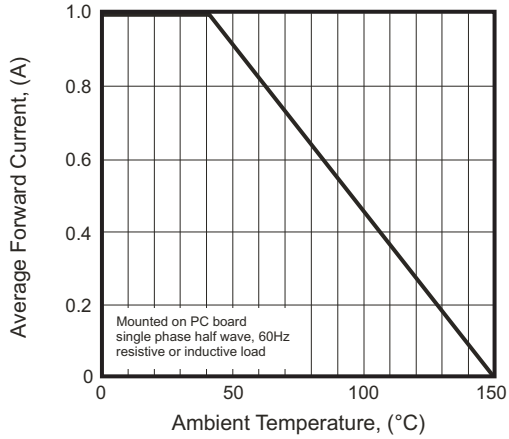


Fig.2 - Max. Non-repetitive Surge Current

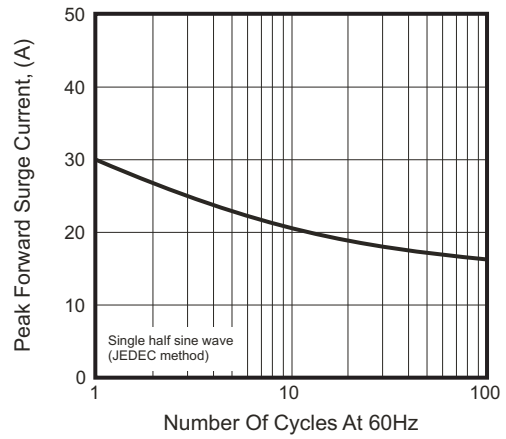


Fig.3 - Typical Junction Capacitance

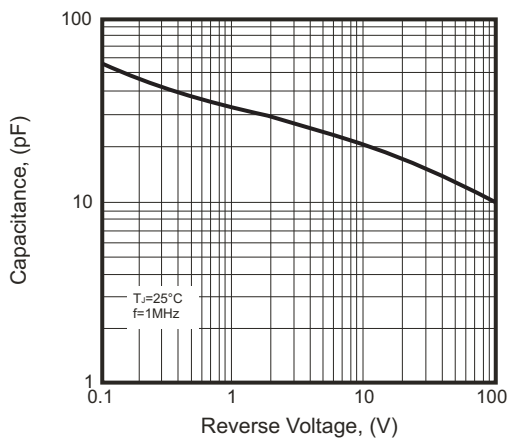


Fig.4 - Typical Forward Characteristics

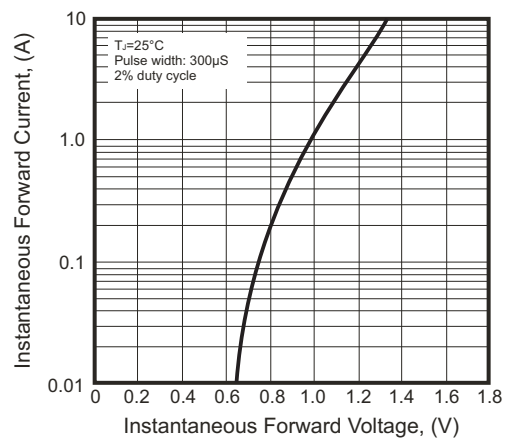
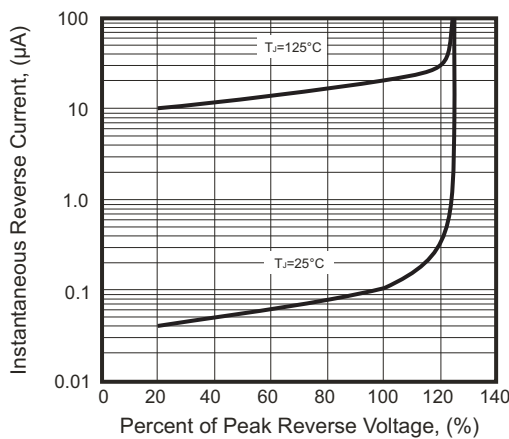
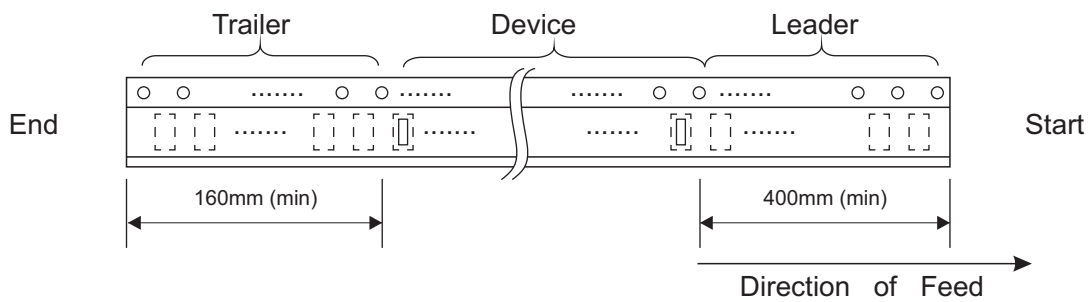
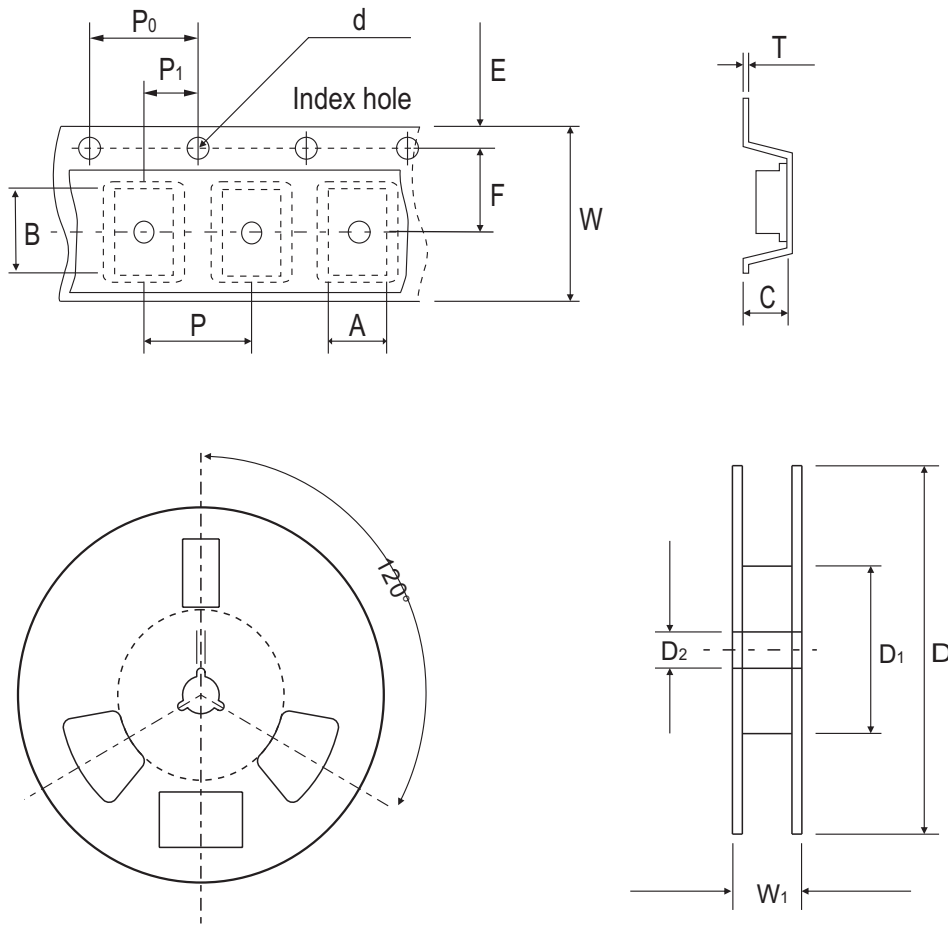


Fig.5 - Typical Reverse Characteristics



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Reel Taping Specification



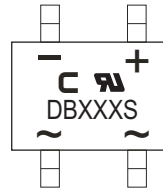
DBS	SYMBOL	A	B	C	d	D	D ₁	D ₂
	(mm)	8.64 ± 0.10	10.41 ± 0.10	3.81 ± 0.10	1.55 ± 0.05	330	50.0 MIN.	13.00 ± 0.20
	(inch)	0.340 ± 0.004	0.409 ± 0.004	0.150 ± 0.004	0.061 ± 0.002	13	1.969 MIN.	0.512 ± 0.008

DBS	SYMBOL	E	F	P	P ₀	P ₁	T	W	W ₁
	(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

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Marking Code

Part Number	Marking code	Packaging
DB101SP-G	DB101S	Tube
DB102SP-G	DB102S	Tube
DB103SP-G	DB103S	Tube
DB104SP-G	DB104S	Tube
DB105SP-G	DB105S	Tube
DB106SP-G	DB106S	Tube
DB107SP-G	DB107S	Tube
DB101ST-G	DB101S	Reel
DB102ST-G	DB102S	Reel
DB103ST-G	DB103S	Reel
DB104ST-G	DB104S	Reel
DB105ST-G	DB105S	Reel
DB106ST-G	DB106S	Reel
DB107ST-G	DB107S	Reel



XXX = Product type marking code
C = Comchip Logo

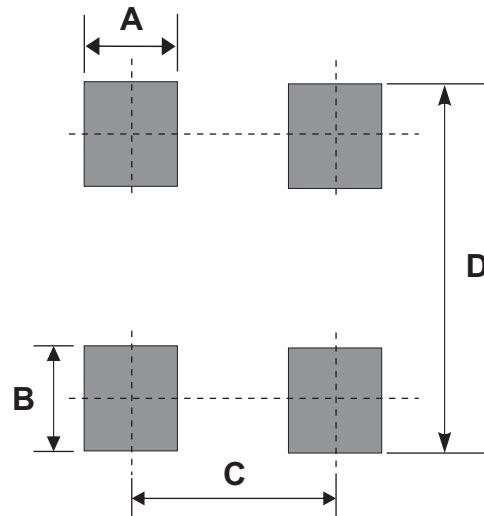
Note:

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

Packaging	Code
TUBE PACK	P
REEL PACK	T

Suggested PAD Layout

SIZE	DBS	
	(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)
DBS	50	5,000

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

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