



ESD3V3LBA3

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Maximum Ratings

PARAMETER	SYMBOL	LIMITS	UNIT
Ú^æ\Á]~ •^Á [, ^!ÁÇçjÁMÁÍDGE •DÁ	ÚjvÁ	FG€Á	YÁ
Ú^æ\Á]~ •^Á&~!;!^}çÁÇçjÁMÁÍDGE •DÁ	QúúÁ	FHÁ	CEÁ
ÒÜÖÁæ&&[!áá}*Ác[ÁQÒÔÎF€€€ÉÍÉGÁæ!Ááá!•&@æ!*^Á	XóúóÁ	†H€Á	\XÁ
ÒÜÖÁæ&&[!áá}*Ác[ÁQÒÔÎF€€€ÉÍÉGÁ&[]cæ&çÁá!•&@æ!*^Á		†H€Á	
R~ }&cá []Á&æ {]^!æc~!^Á	VrÁ	ÉÍÍdFGÍÁ	ÍÔÁ
Úc [!æ*^Ác^ {]^!æc~!^Á	VúvóÁ	ÉÍÍdFÍ€Á	ÍÔÁ

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Electrical Characteristics Ta=25 Unless otherwise specified

PARAMETER	Symbol	UNIT	Conditions	Min	Typ	Max
Ü^Ç^!•^Á { æøá { ~ { Á , [!áá}*Ác[!cæ*^Á	XüvτÁ	XÁ	Á	Á	Á	†H€HÁ
Ü^Ç^!•^Á æ\æ*^Á&~!;!^}çÁ	QúúÁ	~CEÁ	XüvτÁMÁH€HXÁ	Á	Á	€€FÁ
Ü^Ç^!•^Áá!^æ\á [, }ÁÇ [!cæ*^Á	XóúóÁ	XÁ	QóúóÁMÁF { CEÁ	H€ÍÁ	ÍÁ	Á
Ô æ {]á }*Ác[!cæ*^ÁτÁ	XóšÁ	XÁ	QóúóÁMÁFÍCEÁçjÁMÁÉEGDF€€}•ÇVŠÚDÁ	Á	ÍEGÁ	Á
Ö~ }æ { á&Á!^•á•cæ}&^ÁτÁ	ÜöÿpÁ	Á		Á	€€FÍÁ	Á
∞		XÁ		Á	Í€ÍÁ	Á
Ô æ {]á }*Ác[!cæ*^ÁτÁ	XóšÁ	XÁ		Á	Í€ÍÁ	Í€ÍÁ
		XÁ		Á	ÍEGÁ	JÁ
R~ }&cá []Á&æ]æ&áçæ}&^Á	ÔrÁ]ØÁ		Á	G€Á	GÍÁ
R~ }&cá []Á&æ]æ&áçæ}&^Á	ÔrÁ]ØÁ		Á	FÍÁ	GGÁ

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▷ [c^•KÁ

ÁÇFDEÁ▷ []É!^!^cáçç^Á&~!;!^}çÁ]~|•^Á&æ&&[!áá}*Ác[ÁQÒÔÎF€€€ÉÍÉÍÉÁ

▷ [c^•KÁ

FDÁ VŠÚÁ]æ!æ { ^c^!KÁZEÁMÁÍ€ ÉÁç]ÁMÁF€€}•ÉÁç!ÁMÁG}•ÉÁæç^!æ*á }*Á , á]á [, Á-! [{ ÁÍ€}•Ác[ÁÍ€}•ÉÁÜÖÿpÁá!^æ\á&~!;!æc^á-! [{ ÁÍCEÁç [ÁFÍCEÁ

GDÁ Ô []cæ&çÁá!•&@æ!*^Á { [á^ÉÁæ&&[!áá}*Ác[ÁQÒÔÎF€€€ÉÍÉGÁ

HDÁ ▷ []É!^!^cáçç^Á&~!;!^}çÁ]~|•^Á&æ&&[!áá}*Ác[ÁQÒÔÎF€€€ÉÍÉÍÉÁ

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Ordering Information (Example)

PREFERRED P/N	PACKING CODE	UNIT WEIGHT(mg)	MINIMUM PACKAGE(pcs)	INNER BOX QUANTITY(pcs)	OUTER CARTON QUANTITY(pcs)	DELIVERY MODE
ÒÜÖHXHŠÓCEHÁ	ØFÁ	CE]!;[øá { æc^Á€ÉJ	F€€€€Á	F€€€€€Á	Í€€€€€Á	Í+!;^Á

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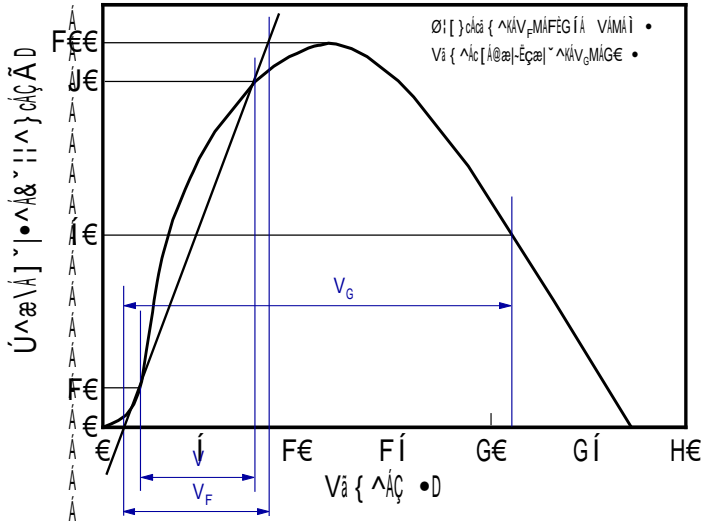
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Characteristics (Typical)

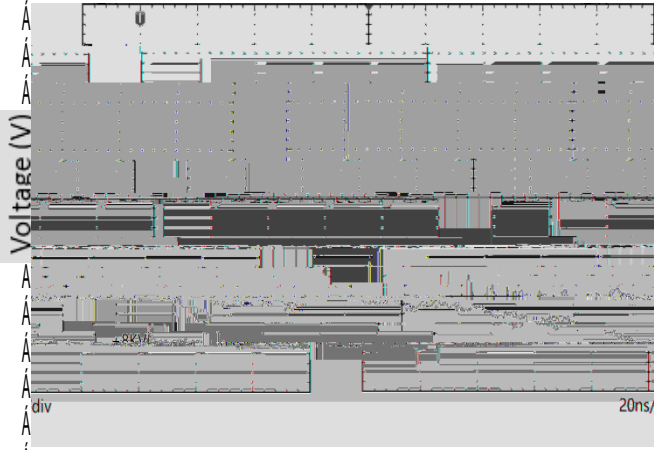
Fig.1 8/20μs waveform per IEC61000-4-5





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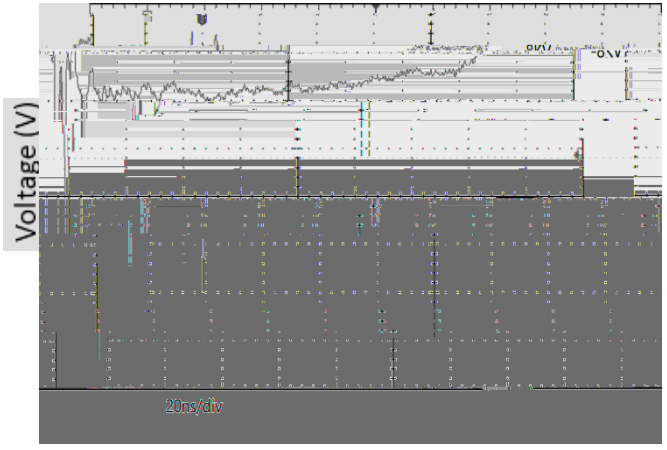
Fig.7 ESD clamping



Time (ns)

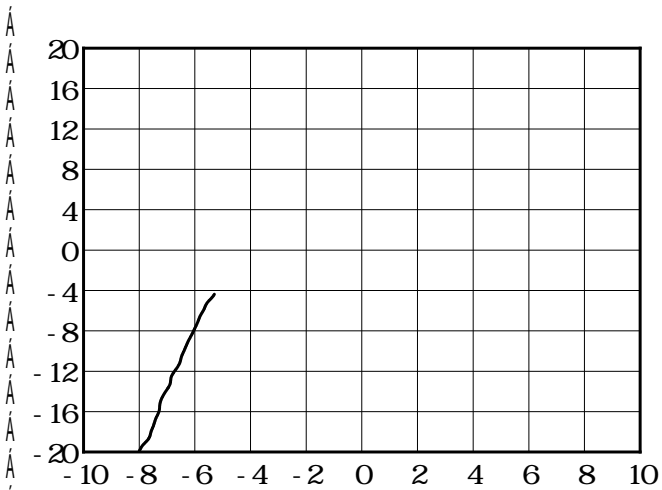
(+8kV contact discharge per IEC61000-4-2)

Fig.8 ESD clamping t



Time (ns)

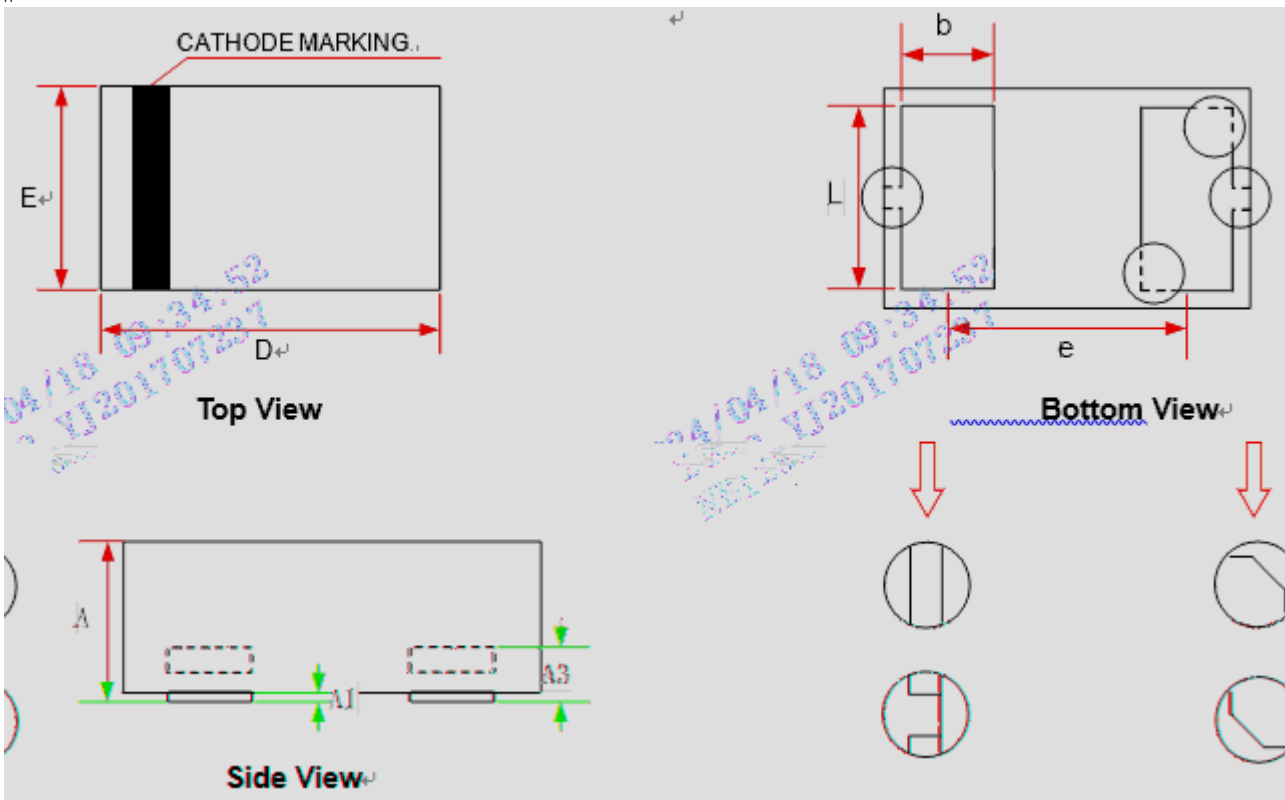
(-8kV contact discharge per IEC61000-4-2)



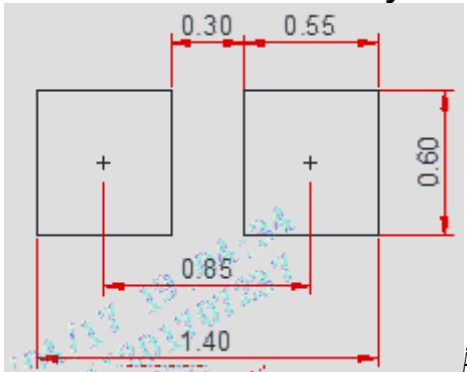


ESD3V3LBA3

Outline Dimensions



Recommended PCB Layout



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Disclaimer

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