



ESD5V0LZBA1

Maximum Ratings

PARAMETER	SYMBOL	LIMITS	UNIT
Ú^æ\Á] ~ •^Á] [, ^!ÁÇçjÁMÁÌDG€ •DÁ	ÚjvÁ	FHGÁ	YÁ
Ú^æ\Á] ~ •^Á& ~!^> }cÁÇçjÁMÁÌDG€ •DÁ	QúúÁ	FFÁ	CEÁ
ÒÙÖ!æ&& [!ââ } *Ác [ÁQÒÔ ÎF€€€É !ÉGÁæ!Áââ!&@æ! *^Á	XouóÁ	†HÉÁ	\XÁ
ÒÙÖ!æ&& [!ââ } *Ác [ÁQÒÔ ÎF€€€É !ÉGÁ& [}cæ&cÁââ!&@æ! *^Á		†HÉÁ	
R ~ }&cá [] Ác^ {] ^!æc ~!^Á	V _{RA}	É!€dFGÍÁ	ΓÓÁ
Ùc [!æ *^Ác^ {] ^!æc ~!^Á	V _{úvóÁ}	ÉíídFÍÉÁ	ΓÓÁ

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Electrical Characteristics

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ESD5V0LZBA1

Characteristics (Typical)

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

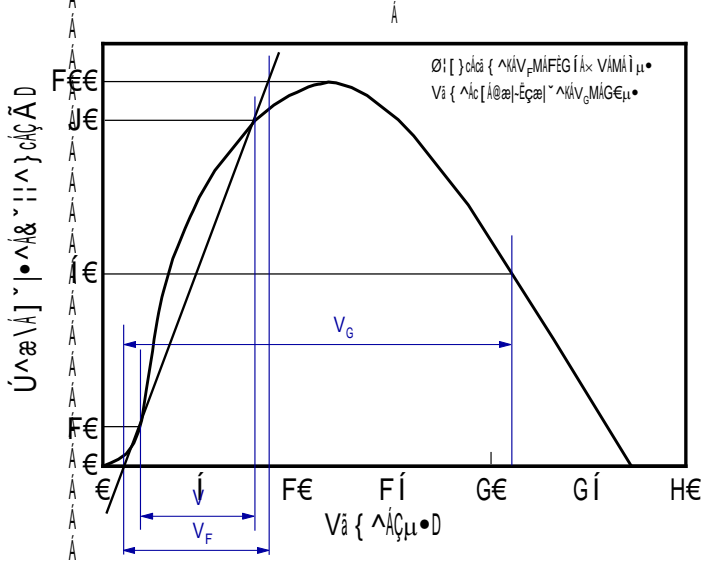


Fig.2 Contact discharge current waveform per IEC61000-4-2

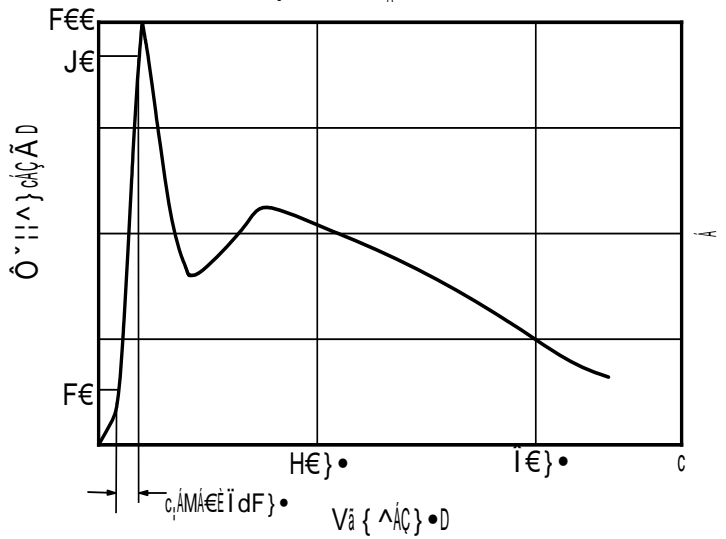


Fig.3 Clamping voltage vs. Peak pulse current

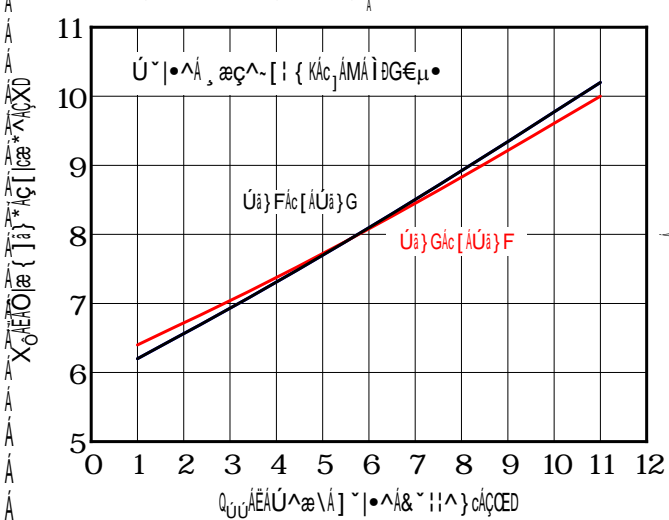


Fig.4 Capacitance vs. Reverse voltage

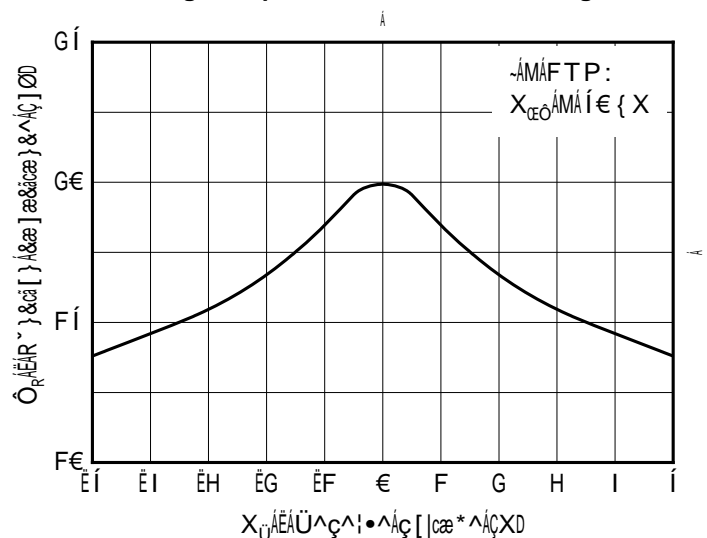


Fig.5 Non-repetitive peak pulse power vs. Pulse time

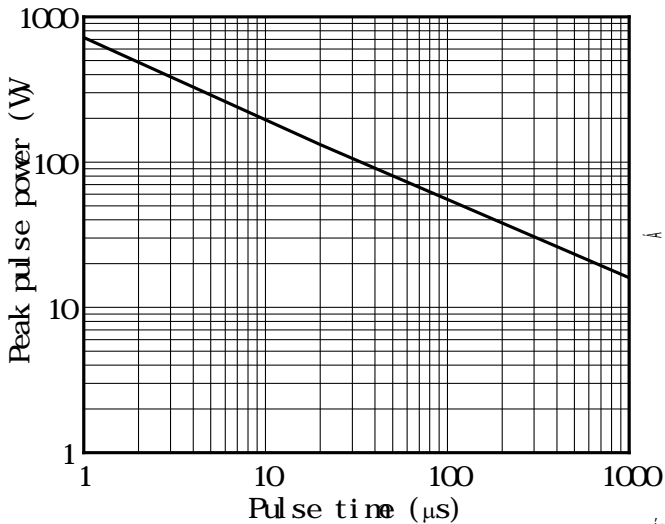
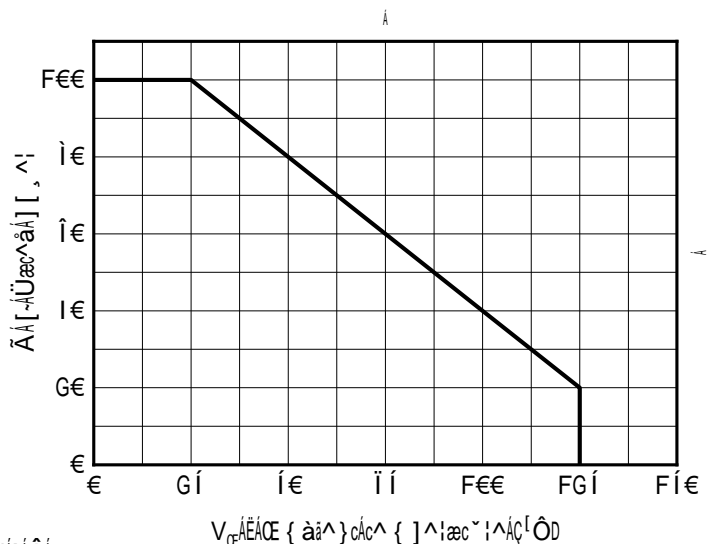


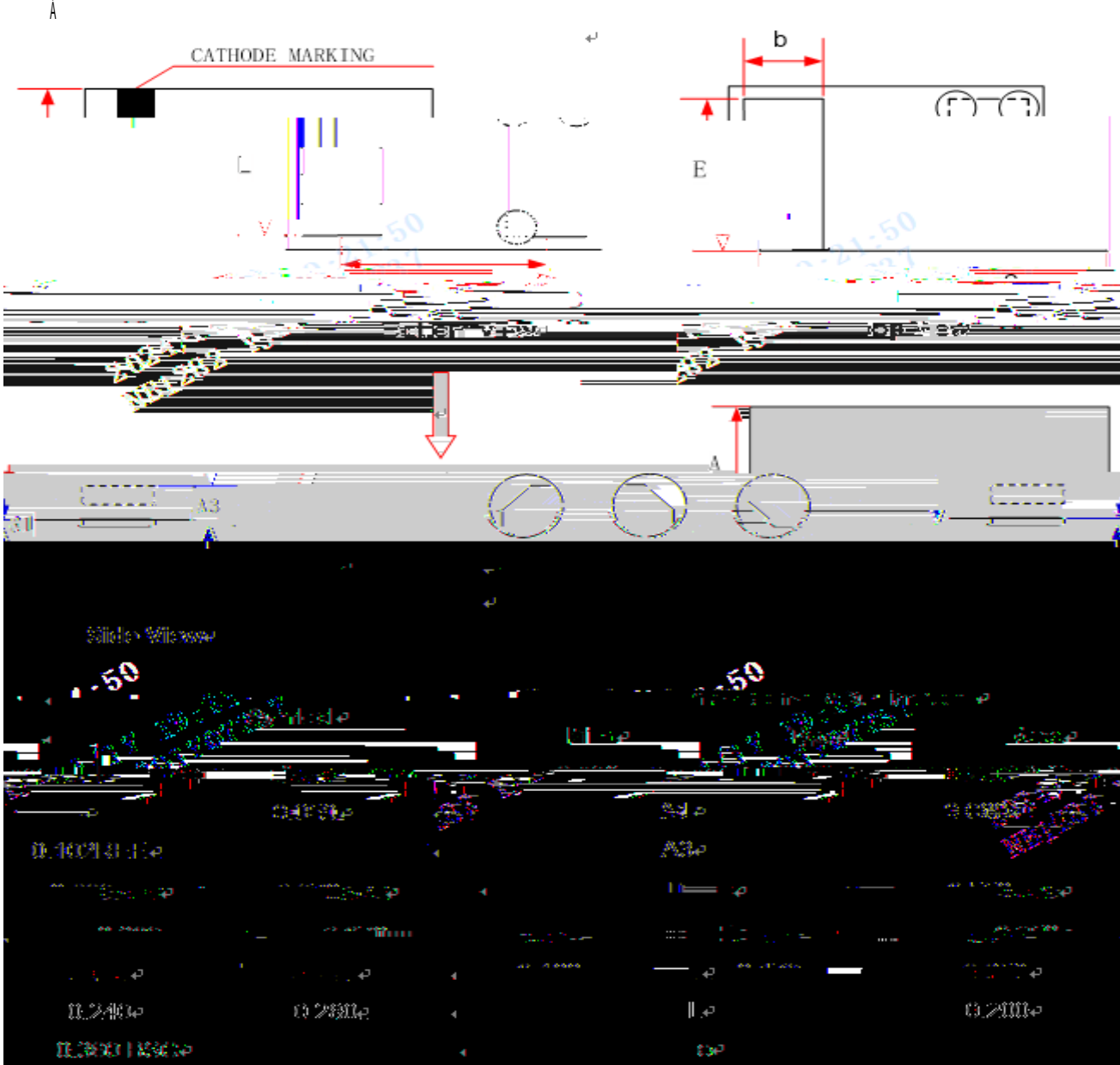
Fig.6 Power derating vs. Ambient temperature



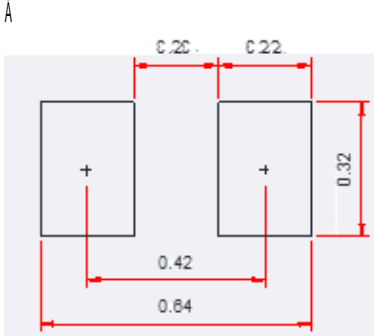


ESD5V0LZBA1

Outline Dimensions



Recommended PCB Layout



Unit:mm



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Disclaimer

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V@^Áá~[! { æcá[}Á]!^•^}c^áÁ}Ác@á•Áá[&~ { ^}cÁ•Á-[!Á!^•^!^}&^Á[]~ÉÁÿæ} * :@ [~Áÿæ} *bá^ÁÒ|/•c! []á&ÁV^&@} [! [* ^ÁÔ[ÉÉÁŠcáÉÁ!^•^!ç^•Ác@^Á
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