



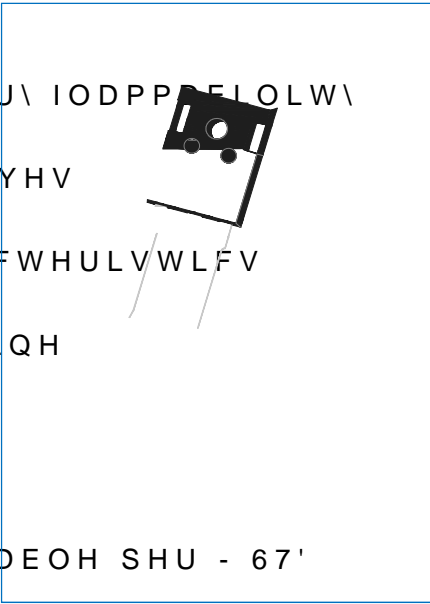
JECR7506SL

EPI HYPERFAST SOFT RECOVERY RECTIFIER

Rev.1.8

DESCRIPTION

- 3ODVWLF SDFQNDH HZKULWHUV ODERUDWRU\ IODPP FLOLW\ FODVV LILFDWLRQ 9
- /HDG IUHH LQ FRPSOH ZLWK ((8 GLUHFWLYHV
- /RZ UHYHUVH OHDNDJH FXUUHQW
- +\SHUIDVW UHFRYHUW WHFRYHUQ FKHDFWHULVWLFV
- /RZ UHFRYHU\ ORVV
- \$\$SOLFDFWLRQVKIRUJ836 ZHOFG LQJ PDFKLQH DQG DLU FRQGLWLRQHU



MECHANICAL DATA

- &DVH 72 - /PROGHG SODVWLF
- 7HUPLQDOV 6ROGHU SODWHG VROGHUDEOH SHU - 67'
- :HLJKW JUDP

ABSOLUTE MAXIMUM RATING 5DWLQJ DDP ELHQW WHP SHU D W KH H Z X Q B H V S H F L

Parameter	Symbol	JECR7506SL	Unit
0D[LPXP UHSHWLWLYH SHDN UHYHU	VH ₅₅ R	OWDJH	9
0D[LPXP '& EORFNLQJ YROWDJH	'&	9	9
\$YHUDJH IRUZDUG FXUUHQW DW 7	,) \$9		\$
3HDN IRUZDUG VXUPM VFXUHQW DOI	VLQH	ZDYH	\$
VXSHULPSRVHG RQ UDWHG ORDG	VLQH ⁶⁰	ZDYH	
-XQFWLRQ WHP SHU D W KH H Z X Q B H V S H F L		QJH WR	



ELECTRICAL CHARACTERISTICS 5DWLQJ DDP ELHQW WHP SHUBW KHUZXQB HVS HF

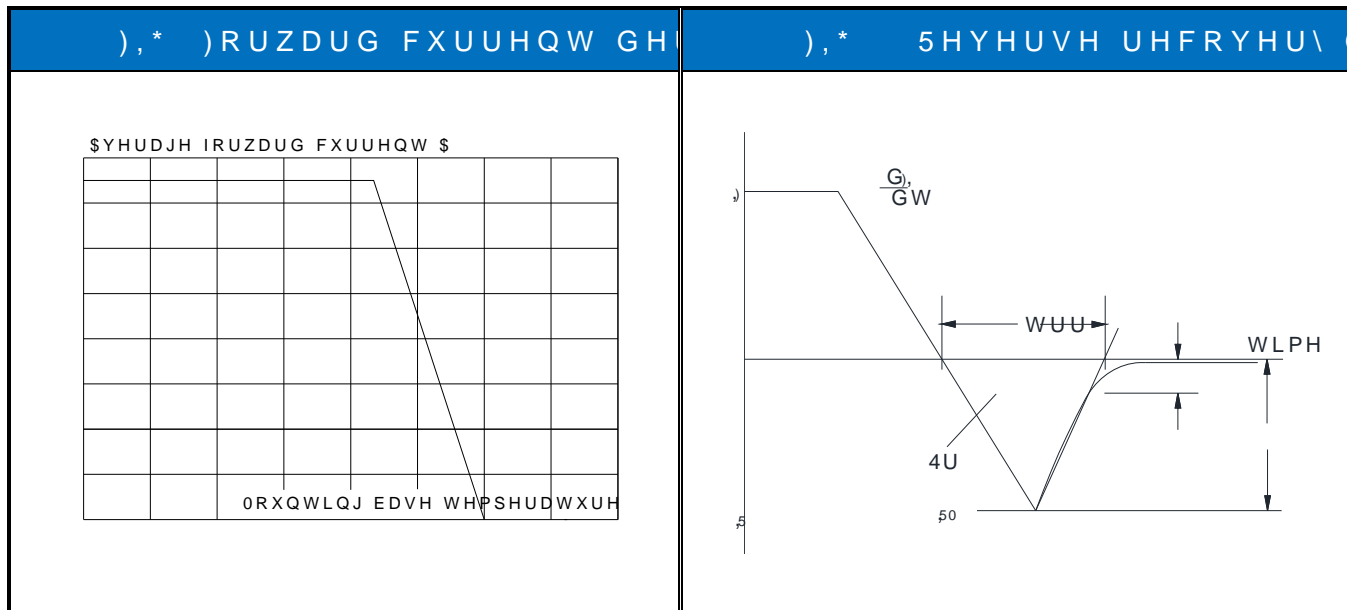
Parameter		Symbol	Min.	Typ.	Max.	Unit
)RUZDUG YROWDJH	) \$ 7	9)				9
	) \$ 7					
5HYHUVH FXUUHQW	95 9 7	,5				\$
	95 9 7					
5HYHUVH UHFRYHU\	) \$ 9 9 GL GW \$ V 7	W _U				QV
	) \$ 9 9 GL GW \$ V 7					
	) \$ 9 9 GL GW \$ V 7					
5HYHUVH UHFRYHU\	) \$ 9 9 GL GW \$ V 7	,50				\$
	) \$ 9 9 GL GW \$ V 7					
5HYHUVH FKDUJH) \$ 9 9 GL GW \$ V 7	4 _U				Q &
) \$ 9 9 GL GW \$ V 7					

THERMAL RESISTANCES

Symbol	Parameter
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-LH-LH SURGXFWV DLRUQRWGGVWDOOHOHQW SXUSVXGULQDFZLWK
 OLPLWDWLRQ DIXOLRPRUWLPHGRFSDQDLCHLDYK VWDLQLQJ RU
 DSSOLFDWLRQV GHYLFHV LQWHQGHC\ IRU VXUJRWRUULDS

DRU•

SUHYFAK EUZ 5HYHA•Q W2iU 0À @ À p P p À Ð À € Ð À € 0 À ` P € ð € ` p P À C • G P U L W U B