G BJ)%&

G=@=7CB⁶F=8;9^FF97H=:=9F

FE TURES

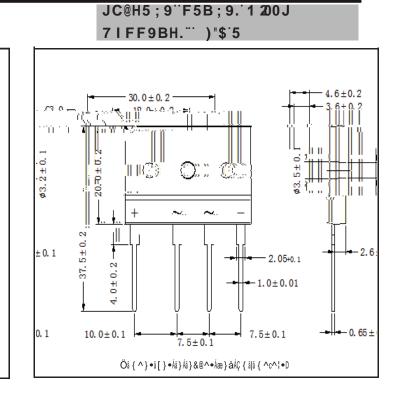
Üæci}*ÅÅc[ÅF€€€XÅÚÜX Qå^ælÁ-[!Å]!i}c^åÅ&i!&`icÅà[æ!å Š[_Å-[!_æ!åÅç[|cæ*^Åå![]Ė@i*@Å&`!!^}cÅ&@]æàijic^ Ü^]iæà|^Å|[__Å&[•cÅ&[]•c!`&ci[]Å`ciji:i}*Å { [|å^åÅ]|æ•ci& c^&@]i``^Å!^•`|c•Åi}Åi}^¢]^}•iç^Å]![ä`&c V@^Å]|æ•ci&Å { æc^!iælÅ@æ•ÅWŠÅ-|æ { { æàijic^ &|æ•ei-i&&ci[]ÅJ]XÉ€ Y^i*@cKÅÅ€ÈGIÅ[`}&^•ÅÉÅÎĖÏJ*!æ {•

A97<5B75@'85H5

Polarity:Symlbols molded on body

Weight:0.23 ounces, 6.6 grams

Mounting position: Any



A5L=AIAF5H=B;G5B87<5F57H9F=GH=7G

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CHARACTERISTICS	SYMBOL	GBJ 2512	UNIT
Maximum Recurrent Peak Reverse Voltage	Vrrm	1200	V
Maximum RMS Voltage	Vrms	840	V
Maximum DC Blocking Voltage	VDC	1200	V
Maximum Average Forward (with heatsink Note 2) Rectified Current @ Tc=100 (without heatsink)	l(AV)	25.0 3.5	А
Peak Forward Surage Current			
8.3ms Single Half Sine-Wave	IFSM	350	А
Super Imposed on Rated Load (JEDEC Method)			
Maximum Forward Voltage at 12.5A DC	VF	1.1	V
Maximum DC Reverse Current @ TJ=25	lr	10	uA
at Rated DC Blocking Voltage @ TJ=125		500	
Typical Thermal Resistance (Note2)	R JC	1.0	/W
Operating Temperature Range	TJ	-55 to +150	
Storage Temperature Range	Tstg	-55 to +150	

NOTES: 1.Measured at 1.0MHz and applied reverse voltage of 4.0V DC. 2.Device mounted on 300mm*300mm*1.6mm cu plate heatsink.

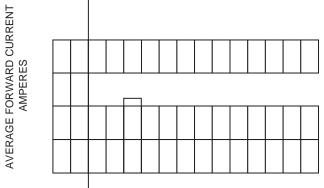


FIG.1-FORWARD CURRENT DERATING CURVE

CASE TEMPERATURE,

FIG 3-TYPICAL JUNCTION CAPACITANCE

CAPACITANCE, (pF)

