



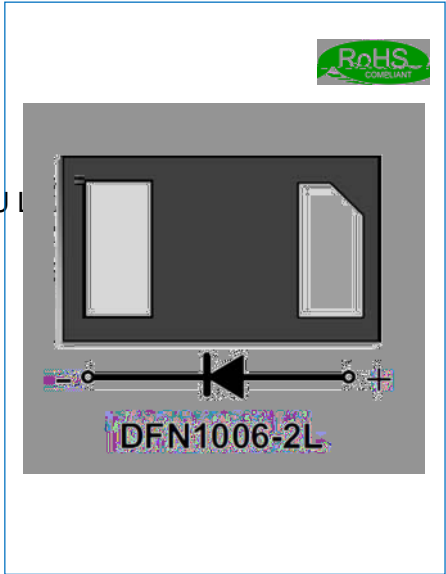
JSTDF140A

1A Schottky Barrier Rectifier

Rev.1.3

DESCRIPTION

- 7UHQFK 026 VFKRWWN\ WHFKQRORJ\
- /RZ IRUZDUG YROWDJH
- /RZ FXUUHQW OHDNDJH
- 3ODVWLF SDXFNHFKULWHUV ODERUDWRU
- FODVVLILF àM €P)



- /RZ FXUUHQW UHFWLILFDWLRQ
- 6ZLWFK PRGH SRZHU VXSSO\
- ,QYHUVH SRODULW\ SURWHFWLRQ
- /RZ SRZHU FROVDFSSVDFDWLRQ

ABSOLUTE MAXIMUM RATING

Parameter	Symbol	JSTDF140A	Unit
3HDN UHSHWLWLYH SHDN UHYHUVH YROWDJH	V_{R}	9	
0HDQ UHFWLIL\LQJ FXUUHQW	I_{F}	3	P
3RZHU GLVVLSDWLRQ	P_{D}	7	W
0D[LPXP DYHUDJH IRUZDUG FXUUHQW	I_{AV}		\$
1RQ UHSHWLWLYH SHDN IRUZDUG VXUJH FXUUHQW	I_{SM}		
2SHUDWLQJ MXQFWLRQ WHPSHUDWXUH	T_{J}		
6WRUDJH WHPSHUDWXUH UDQJXW	T_{STG}		



ELECTRICAL CHARACTERISTICS

Parameter	Symbol	Min	Typ	Max	Unit
5HYHUVH EUHDNGRZQ ₅ YRDSWD ₉ H					9
)RUZDUG YROWDJH) \$				9
) \$				
) \$	9)			
) \$				
) \$				
5HYHUVH OHDNDJH F X ₅ U _U H Q W ₅		9			

THERMAL RESISTANCES

Symbol	Parameter	JSTDF140A	Unit
5wk M p - XQFWLRQ WR DPELHQW			:

MARKING

3DUW 1XPEHU	0DUNLQJ & RGH
-67') \$	

& + \$ 5 \$ & 7 (5 , 7 , & 6 & 8 5 9 (

), * 7 \ S L F D O I R U Z D U G F K |), * 7 \ S L F D O U H Y H U V H F K



-LH-LH SURGXFVW DLHUQBWGGVWLDLQHCGRW EH XVHG IRU