



MK5045

# Schottky Bypass Diode Module

## 6AE(© \* ñD ¼ ±1Ñ Q ‡

### Features/ x ñ(©&é

" +LJK IUHTXHQFQ NŠ HØJ DWLRQ  
 " /RZ IRUZDUG YR'Q WLD?JH GURS  
 " +LJK SXULW\ KLUK WŠR[S HLODFD SVXODWLRQ  
 HQKDQFHG PHFKDQD QGOP R WUM QJ W KU HVLVWDQ  
 Q 4ß Ö ÄQ \$Y)ß"W 1>ö È j à j Ö ¼Lb%ž W -  
 "ORQJ WHUPKLUH Ø WDELOLW\

### Typical Applications/ " » Ä+X

3 KR WRYROWDLFHV FVQ RQ FVH Ø Ø VSW R WUHFVWLILH  
 y ? ZLc7-+e"• Ô6Æ(© \* #q ~

### Mechanical Data/ x ñ ò

Package/ 1>ö: \*) 6  
 "OROGLQJ FRPSRXQG ØPHHØD/P ØDELOLW\  
 UDW H Ø È 1V 8 / 9 'ó W1y4x  
 " Terminals/ E7J € È: 7LQ SODWHG OHDGV VROGHUDE  
 - 67' DQG -(6' K%pKQ E4i È': W1V  
 8 - 67' -(6' %7 ö  
 " Polarity/ ± W: \$ V PDU ñ H Ø V'

### Maximum Ratings 7D 8QOHVV RWKHU ÅL V W N Í È HF & ß Y Ø G D L" M Ž 9 Ê y

PARAMETER ò	SYMBOL 1V'	UNIT ...}	MK5045
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'HYLFH PDUNLQJ FRGH 0.  
 x ñ »'

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& XUUHQW 6TXDUHG 7LPH # PV"W PV 7M  
 !" A#š#¼ •, +e •#q £ é & •L\$8° €V `€VQ0\$YS p €, , Å7

	7M		a
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127(Ö 0HHWV WKH UHTXLUHPHQWV RI , (& UPDO( ØVHVH MSDVV GLRGH WKH  
 # Ö Ä Å% Cã, (& (GñD ¼ ±1Ñ' W7-?±"r

### Electrical Characteristics Ä 7D 8QOHVV RWKHU ÅL V W N Í È HF & ß Y Ø G D L" M Ž 9?ö È

	1V'	UNIT ...}	TEST CONDITIONS #(B ' &	MK5045
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0D[LPXP LQVWDQWDQHRXV IRUZDUG YROWDJH GURS SHU GLR, ØH \$  
 0W!" A-Ü & »L} !" A 0 W+e#q \$



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Thermal Characteristics

PARAMETER	SYMBOL	UNIT	MK5045
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7KHUPDO 5HÄ/LVWDQFH

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Disclaimer  
>CS >

7KH LQIRUPDWLRQ VSHFLDOLVHG LQ WKLV LQWHUJUDQXHU LV HQRXQJLQJ WKH HQWUJHQWLYH DQG HODVWHUHQWLYH (HPSORVLRQ &LF /WG IHU 8