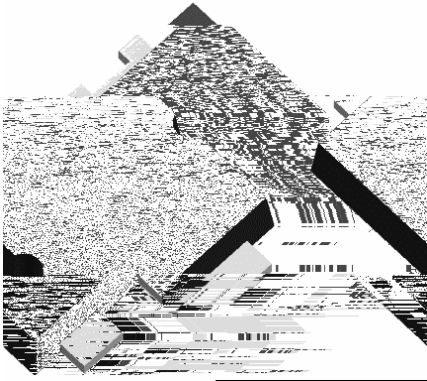




# MUR10U60

## Surface Mount Ultrafast Rectifier Diode



### Features

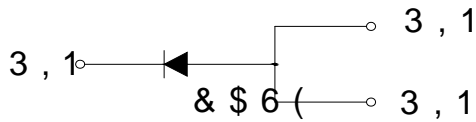
- " 80WUDIDVW UHYHUVH UHFRYHU\ WLPH
- " /RZ OHDNDJH FXUUHQW
- " /RZ VZLWFKLQJ ORVVHV KLJK HIILFLHQF\
- " +LJK IRUZDUG VXUJH FDSDELQW\
- " 6ROGHU GLS f& SBJU -(6' %

### Typical Applications

- )RU XVH LQ KLJK LUHF&WQRQ UHF&W
- DSSOLDFWLRQ LQ VZLWFKLQJ PRGH FRQYHUW
- IRU FRQVXPHU FRPSXWHU DQG WHOHFRPPXQ

### Mechanical Data

- " Package 72
- 0ROGLQJ FRPSRXQG PHHWV 8/ 9 IODPPDE
- 5R+6 FRPSOLDQW KDORJHQ IUHH
- " Terminals 7LQ SODWHG OHDGV VROGHUDEOH S
- 67' DQG -(6' %
- " Polarity &RORU EDQGV V&HQRW&WKRGH HQG



### Maximum Ratings M 8QOHVV RWKHUZLVH VSHFLILHG

PARAMETER	SYMBOL	UNIT	MUR10U60
HYLFH PDUNLQJ FRGH			085 8
DD[LPXP 5HSHWLWLYH 3HDN 5HYHUVE 9ROWDJH 9			
DD[LPXP 506 9ROWDJH	9 <sub>506</sub>	9	
DD[LPXP ' & EORFNLQJ 9ROWDJH	9 <sub>&amp;</sub>	9	
\$YHUDJH 5HFWLILHG 2XWSXW & XUHQW # +] VLQH ZDYH 5HVLVWDQFH ORDG 27F ),*		\$	
RUZDUG 6XUJH & XUHQW 1RQ UHSHWLWLYH # +] +DOI VLQH ZDYH - F\FOH 7M			\$
RUZDUG 6XUJH & XUHQW 1RQ UHSHWLWLYH # PV VTXDUH ZDYH - F\FOH 7M			\$
& XUHQW VTXDUHG WLPH # PV"W" PV 7M	, W	\$ V	



# MUR10U60

## vElectrical Characteristics 7M 8QOHVV RWKHUZZLVH VSHFLILHG

PARAMETER	SYMBOL	UNIT	TEST CONDITIONS	Min	Typ	Max
,QVWDQWDQHRXV IRUZDUG YROWDJH GURSHU GLRGH\$ 9			7 M -			
			7 M -			
5HYHUVH 5HFRYHU\ 7LPH			7 M -			
'& UHYHUVH FXUUHQW DW UDWHG '& EORFNLQJ YROWDJH SHU GLRGH	.550		7 M -			
			7 M -			

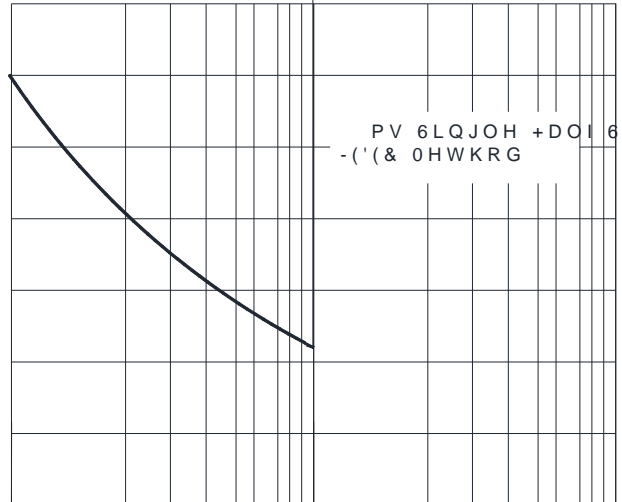
## vThermal Characteristics 7M 8QOHVV RWKHUZZLVH VSHFLILHG

PARAMETER	SYMBOL	UNIT	MUR10U60
7KHUPDO UHVLVWDQFH	5 - \$		
	5 - &		

## vOrdering Information ([DPSOH

PREFERED P/N	PACKAGE CODE	UNIT WEIGHT(g)	MINIMUM PACKAGE(pcs)	INNER BOX QUANTITY(pcs)	OUTER CARTON QUANTITY(pcs)	DELIVERY MODE
085 8	)	\$SSUR[LPDWH				

## vCharacteristics 7\SLFDO

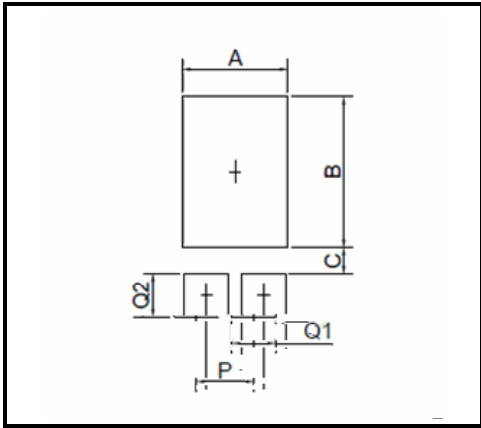






# MUR10U60

## Suggested pad layout



' , 0	0 , 1 PP
\$	
%	
&	
3	
4	
4	

