



MURS120B THRU MURS160B

Surface Mount Super Fast Recovery Rectifier

Features

- " /RZ SURILOH SDFNDJH
- " ,GHDO IRUWDXGWSRQDFHFPHQW
- " *ODVV SDVVLYDWHG FKLS MXQFWLRQ
- " +LJK IRUZDUG VXUJH FDSDELQW\
- " 6XSHU)DVW UHYHUVH UHFRYHU\ WLPH
- " 0HHWV 06/ OHYHO SHU - 67' /) PD[LXP
- RI f&

Typical Applications

-)RU XVH LQ KLJK IUFDWHHQ\ RUHSRZHU VXSSO
- LQYHUWHUV FRQYHUWHUV DQG IUHHZKHHO
- FRQVXPHU DQG WHOHFRPPXQLFDWLRQ

Mechanical Data

- " Package '2 \$\$ 60%
- 0ROGLQJ FRPSRQGG PHHWDPPDELQW\
- UDWLQJ 5R+6 FRPSOLDQW KDORJHQ IUHH
- " Terminals 7LQ SODWHG OHDGV VROGHUDEOH S
- 67' DQG -(6' %
- " Polarity: &DWKRGH OLVKHFRWKIRGH HQG

Maximum Ratings

PARAMETER	SYMBOL	UNIT	MURS120B	MURS140B	MURS160B
0D[LXPX '& EORFNLQJ 9ROWDJH'&		9			
\$YHUDJH UHFWLILHG RXWSXW FXUUHQW # +] VLQH ZDYH UHVLVWDQFH ORDQ 7/)LJ					
)RUZDUG 6XUJH &XUUHQW 1RQ UHSHWLWLYH # +] +DOI VLQH ZDYH F\FCH 7M					
)RUZDUG 6XUJH &XUUHQW 1RQ UHSHWLWLYH # PV VTXDUH ZDYH F\FCH 7M					
&XUUHQW VTXDUHG WLPH # PV"W" PV 7M	, W	\$ V			
6WRUDJH WHPSHUDWXUH	7VWJ	-		a	
-XQFWLRQ WHPSHUDWXUH	7M	-		a	



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Electrical Characteristics 7D 00pp



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Thermal Characteristics

PARAMETER	SYMBOL	UNIT	MURS120B	MURS140B	MURS160B
7\SLFDO 7KHUPDO	5 - \$	UH&LVWDQFH - :			
	5 - &				



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Ordering Information ([DP SOH

PREFERED P/N	PACKING CODE	UNIT WEIGHT(g)	MINIMUM PACKAGE(pcs)	INNER BOX QUANTITY(pcs)	OUTER CARTON QUANTITY(pcs)	DELIVERY MODE
0856 % 0856 %)	\$SSUR[L	P DWH			



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Suggested pad layout

DO-214AA(SMB)	
'LP	0LOOLPHWHUV
3	
3	
3	
4	
4	

'LPHQVLRQV LQ PLOOLPHWHUV



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Disclaimer

7KH LQIRUPDWLRQ SGRFNDMWHG LV IRWLVKHDIHQJHQRK-BQJMLH (OHFWURQLF 7HFHQRO
ULJKW WR PDNH FKDLQJHVRZLWKR XWSKRLSULFDGXIERQV/ RGLWSOD\HG KHUHLQ WURGLPVLWRY
RU RWKHUZLVH

7KH SURGXFW OLVWHG KHUHLQ LV GHVQLHGWGRFEHTXVLSBHZLWKRURGGHLYLDFHWVWIDQG
HTXLSPHQW RU GHYLFHV ZKLFK UHTGLWKHKEJDOXHQFHVQGRQLWJHOLMDLQIRVGDQJFKU
PHGLFDO LQVWUXPHQWVITWLSDFHGSVRUWHHWURVSDXFFDDEKWLQDFWRLD
FRQVWUJHGRBODHUVV
GHYLFHV <DQJMLH RU DQIRQH RQ LWVDEWKDQJ ODVEXLQHLWQRURWHDGSRQDPEBJHV
RIVDOH

7KLV SXEOLFDWLRQISVXDSFHUWIDGIDVLQURQJPDVLSRQLSGHYRURXDGGLWLRQDO
LQWRHUPDWLRK
KWS ZZZ \DQJMLH FRP RU FRQDQGWRRXLFHQHFDWJHXUWWDHJQJMLVWDQFH