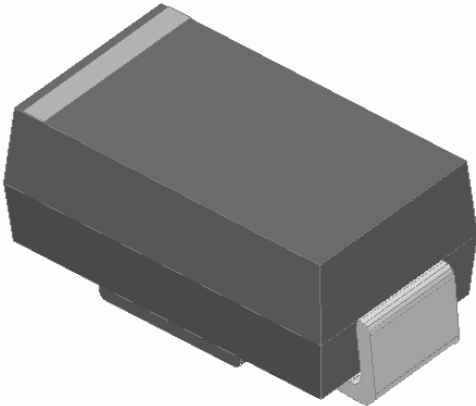
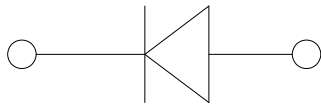


Surface Mount Super Fast Recovery Rectifier



Typical Applications

)RU XVH LQ KLJK IUFDWHQQLRHSRZHU VXSSO
 LQYHUWHUV FRQYHUWHUV DQG IUHHZKHHO
 FRQVXPHU DQG WHOHFRPPXQLFDWLRQ



Mechanical Data

" Package ' 2 \$ & 6 0 \$

0ROGLQJ FRPSR8/QG 9PHH0VPPDELOLW\
UDWLQJ 5R+6 FRPSOLDQW KDORJHQ IUHH

Terminals 7LQ SODWHG OH DGV VROGHUDEOH S
- 67' DQG -(6' %

" **Polarity:** &DWKRGH OLVKBFQDWKRGH HQG

Maximum Ratings $\bar{D}$ 8 Q O H V V R W K H U ~~A~~ L V H V S H F L I L H G

PARAMETER	SYMBOL	UNIT	MURS120	MURS140	MURS160
'HYLFH PDUNLQJ FRGH			0856	0856	0856
0D[LPXP 5HSHWLWLYH 3HDN 5H9HUVH 9ROWDJH					
		9			

)RUZDUG 6XUJH &XUUHQW 1RQ UHSHWLWLYH # PV VTXDUH ZDYH F\FOH 7M			\$
&XUUHQW VTXDUHG WLPH # PV"W" PV 7M	, W	\$ V	
6WRUDJH WHPSHUDWXUH	7 _{VWJ}	-	a
-XQFWLRQ WHPSHUDWXUH	7 M	-	a

Electrical Characteristics

PARAMETER	SYMBOL	UNIT	TEST CONDITIONS	MURS120	MURS140	MURS160
0D[LPXP LQVWDQWD QHRXV IRUZDUG YROWDJH	9)		9 \$	,		
0D[LPXP UHYHUVH UHF ₉₃ YHUQWLPH			\$ ₇ \$ UU \$			
0D[LPXP '& UHYHUVH FXUJHQW DW	7M	-	\$			
UDWHG '& EORFNLOJ YROWDJH	5		7M -			
7\SLFDO MXQFWLRQ FDSDFLWDQ	0HDVXUHG DW	0+]	000 \$050			
	9ROWDJH RI	9' FOD.	5) UHYHUVH			

0856 7+58 0856

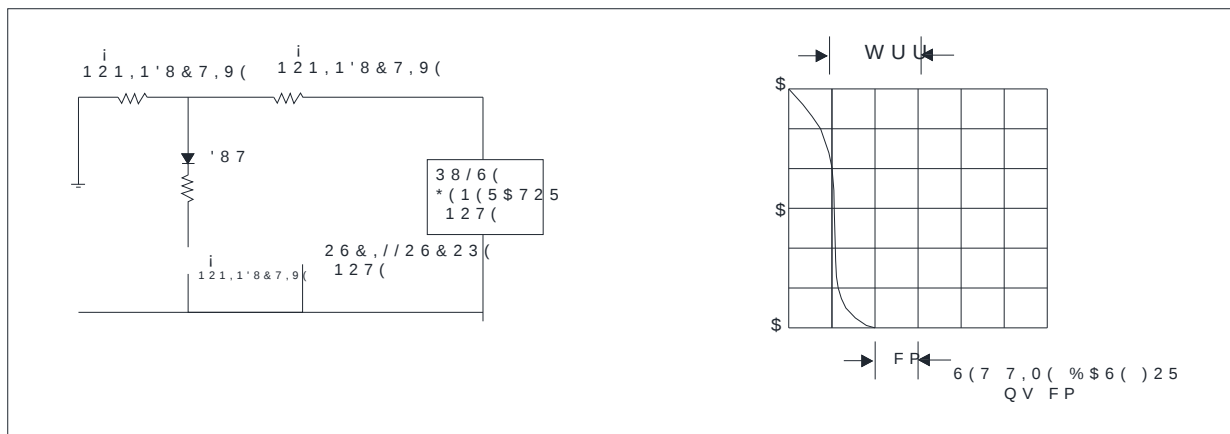
V'\QDPLF &KDUDFWHULVWLFV
<



MURS120 THRU MURS160

vCharacteristics 7\SLFDO

FIG.5: Diagram of circuit and Testing wave form of reverse recovery time





MURS120 THRU MURS160

Ordering Information ([DP SOH

PREFERRED P/N	PACKAGE CODE	UNIT WEIGHT(g)	MINIMUM PACKAGE(pcs)	INNER BOX QUANTITY(pcs)	OUTER CARTON QUANTITY(pcs)	DELIVERY MODE
0856 0856	)	\$SSUR[LPDWH				
0856 0856	)	\$SSUR[LPDWH				
0856 0856	)	\$SSUR[LPDWH				
0856 0856	)	\$SSUR[LPDWH				
0856 0856	)	\$SSUR[LPDWH				
0856 0856	)	\$SSUR[LPDWH				

Outline Dimensions

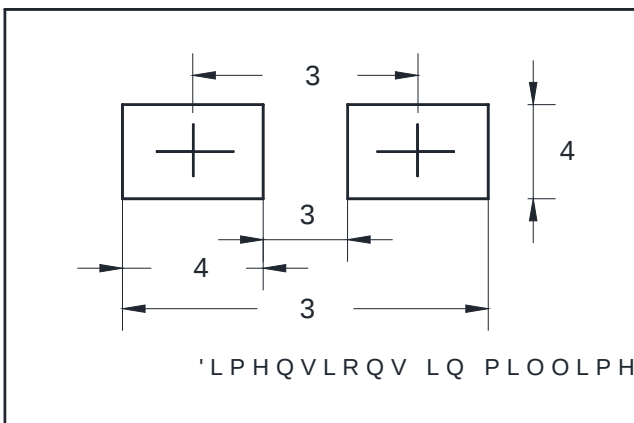
' 2 \$ & 6 0 \$



DO-214AC(SMA)		
'LP	0LQ	0D
\$		
%		
&		
'		
(		
)		
*		
+		
,		

'LPHQVLRQV LQ PLOOLPHWHUV

■Suggested Pad Layout



'LPHQVLRQV LQ PLOOLPHWHUV

DO-214AC(SMA)	
'LP	0LOOLPHWHUV
3	
3	
3	
4	
4	



MURS120 THRU MURS160

Disclaimer

7KH LQIRUPDWLRQ SURFHDQW LV IRXUHQDIHQKQKH<DQJMLH (OHFWURQLF 7HHKQRO
ULJKW WR PDNH FKDLQHVRZLWKRXWSKRLSURGXFWV GLWSOD\HG KHUHLQ WRGLPSURY
RU RWKHUZLVH

7KH SURGXFW OLVWHG KHUHLQ LV GHOLFHUWRQREHTXLVISEHZLWKRU LGHLYLFWHVVWIDQG
HTXLSPHQW RU GHYLFHV ZKLFK UHTGLWKHKEDKOXQYHWDGRQURHOHMDLGRVODQFHU
PHGLFDO LQVWUXPHQWVITWLSQHQSVUWHUVRVSDXHOHDEKWLQDFWHUOFRQQWURERODHU
GHYLFHV <DQJMLH RU DQIRQH RQ LWVOEMKROI OLVEXLHLWQRUHQDQREBJHVHUV
RIVDOH

7KLV SXEOLFDWLRQISODFHUWIDGIDLQURUPDWSLROQLSGHYLURXDGGLWLRQDO LQWRUPDWLR
KWWVZZ \DQJMLH FRP