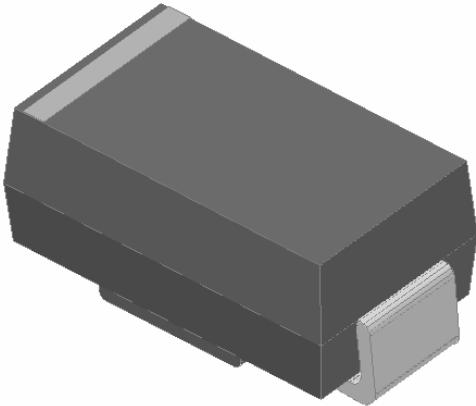
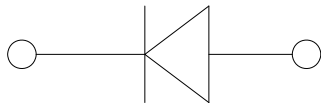


Surface Mount Super Fast Recovery Rectifier



Typical Applications

)RU XVH LQ KLJK IUFDWHQ\ RIHSRZHU 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 OHDGV VROGHUDEOH S
- 67' DQG -(6' %

" **Polarity:** & D W K R G H O L Q W K S H Q D W K R G H H Q G

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			\$ ⁵⁷ \$ 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			

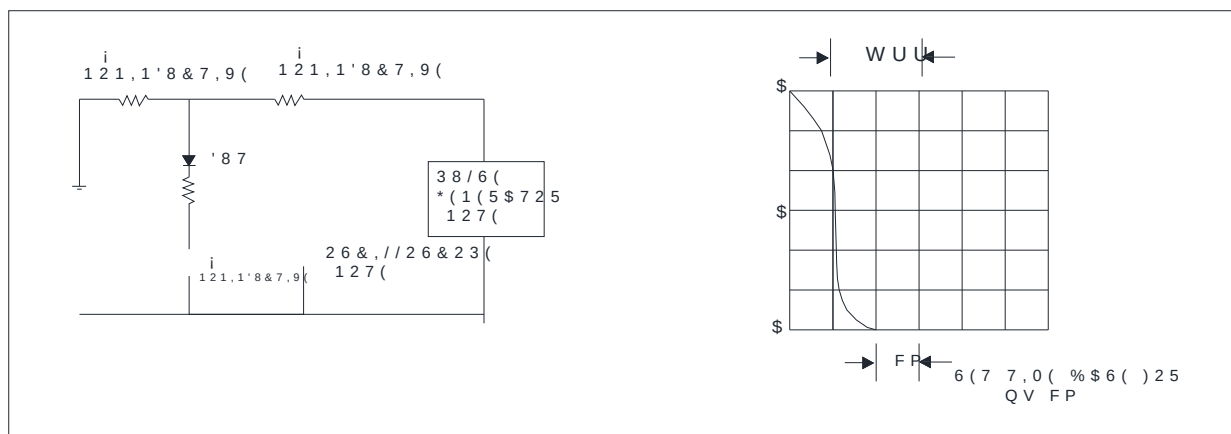
0856 7+58 0856

V'\QDPLF &KDUDFWHULVWLFV
<



vCharacteristics 7\SLFDO

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



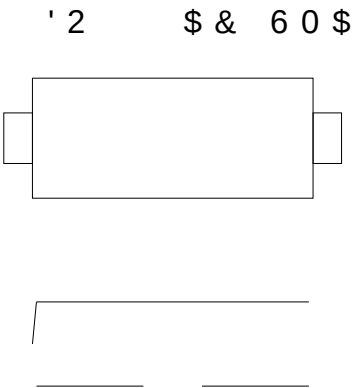


MURS120 THRU MURS160

vOrdering Information ([DP SOH

PREFERED 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				

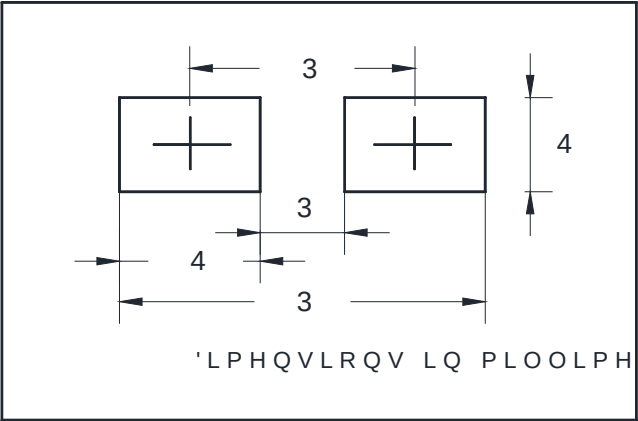
vOutline Dimensions



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

'LPHQVLRQV LQ PLOOLPHWHUV

■Suggested Pad Layout



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

'LPHQVLRQV LQ PLOOLPHWHUV



MURS120 THRU MURS160

Disclaimer

7KH LQIRUPDWLRQ SURFHDQW LV IRU NLVH DIHJPHQKH<RQJMLH (OHFWURQLF 7HHKQRO
ULJKW WR PDNH FKDLQJHVRZLWKR XWSKRLSURGXFWV GLWSOD\HG KHUHLQ WRGLHPSLURY
RU RWKHU ZLVH

7KH SURGXFW OLVWHG KHUHLQ LV GHVLGH QWGRFEHTXVLSBHZLWKRURGGHLYLFWHVVWIDQG
HTXLSPHQW RU GHYLFHV ZKLFK UHTGLWKHKEDKOXHQFWOGRQLHHOZLWKLQVSDQXFKU DXP
PHGLFDO LQVWUXPHQWV ITHWLSQHQSVR UHWHURVSDXHOHDEKWLQDFWHUOFRQQWUERGBOHHU
GHYLFHV <DQJMLH RU DQIRQH RQ LWVOE WKDUI OLVEXLHLWQRUWHQSRQYEBJHVHUV
RI VDOH

7KLV SXEOLFDWLRQ IS VOXSHUW IDGIDLQ URUPDVLSDQLSGHYLURXVGLWLRQDO LQWRHUPDWLR
KWWVZZ \DQJMLH FRP