

GRA520

Mechanical Data

" Package '2 \$ & 60\$
 0ROGLQJ FRPSR/QG PHH/DPPDELOLW\
 UDWLQJ 5R+6 FRPSOLDQW KDORJHQ IUHH
 " Terminals 7LQ SODWHG OHDGV VROGHUDEOH S
 - 67' DQG -(6' %
 " Polarity: &DWKRGH OLVKBFODRWRKRGH HQG

Maximum Ratings

PARAMETER	SYMBOL	UNIT	GRA520
'HYLFH PDUNLQJ FRGH			* 5\$
0D[LPXP 5HSHWLWLYH 3HDN 5H9506 9ROWDJH	9506	9	
0D[LPXP 506 9ROWDJH	9506	9	
0D[LPXP '& EORFNLQJ 9ROWDJH 9'&		9	
\$YHUDJH UHFWLILHG RXWSXW FXUUHQW # +] VLQH ZDYH 5HVLVWDQFH ORDG 7/ \$), *			
)RUZDUG 6XUJH &XUUHQW 1RQ UHSHWLWLYH # +] +DOI VLQH ZDYH - F\FOH 7M			\$
)RUZDUG 6XUJH &XUUHQW 1RQ UHSHWLWLYH # PV VTXDUH ZDYH - F\FOH 7M			
&XUUHQW VTXDUHG WLPH # PV"W" PV 7M	, W	\$ V	
6WRUDJH WHPHUDWXUH	7VWJ	-	a
-XQFWLRQ WHPHUDWXUH	7M	-	a

Electrical Ch FM 10.5A 2.5

Maximum reverse recovery time	t _{rr}	ns	I _r 1.05A ~ 11.0A I _r 1.025A	500
Maximum DC reverse current at rated DC blocking voltage	I _R	A	T < 25	
			7M -	
7\SLFDO MXQFWLRQ FDSDFLWDQFH			OHDVXUHG DW 0+] BQG \$\$\$DLHG 5\$YHUVH 9ROWDJH RI 9' &	



GRA520

Thermal Characteristics

PARAMETER	SYMBOL	UNIT	GRA520
7\SLFDO 7KHUPDO 5HVLVWLYH RU ,QGXFWLYH /RDG	5 - \$	-	
	7\SLFDO 7KHUPDO 5HVLVWLYH RU ,QGXFWLYH /RDG		
	5 - &		

1RWH

7KHUPDO UHVLVWLYH RU ,QGXFWLYH /RDG 5HVLVWLYH RU ,QGXFWLYH /RDG [3 & % ZIPWK] SDG DUHDV

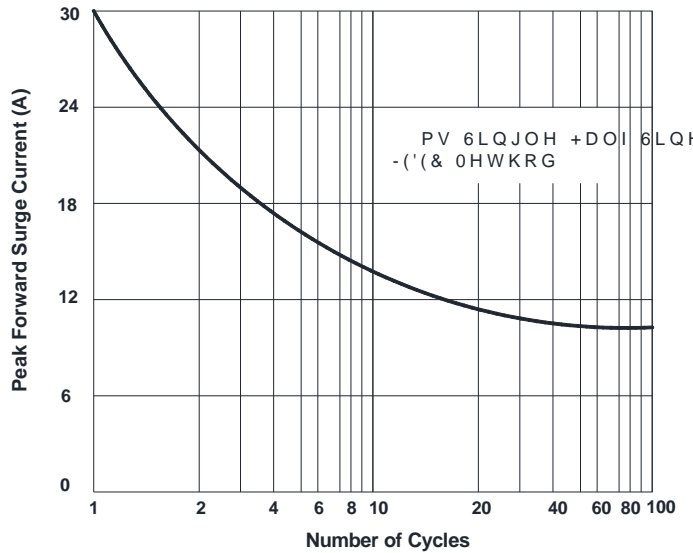
Ordering Information

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

Characteristics

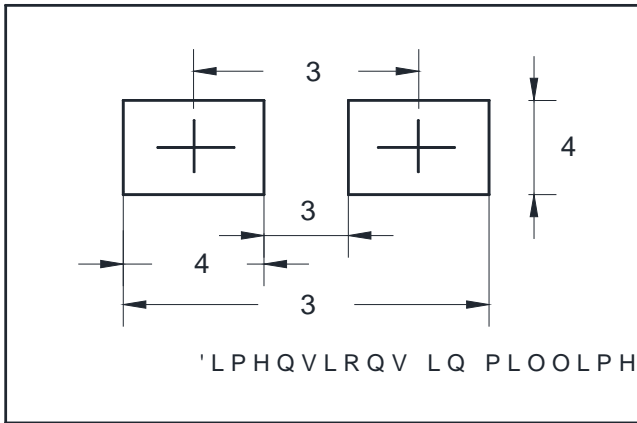
5HVLVWLYH RU ,QGXFWLYH /RDG

FIG.2: Forward Surge Current Capability





Suggested Pad Layout



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



Disclaimer

7KH LQIRUPDWLRQ SGRVH DMQHG LV IRWLVKHDIHQJHQRH BQJMLH (OHFWURQLF 7HFKQRO
ULJKW WR PDNH FKDLQJHVRZLWKR XWSKRLSULFDGXIERQV/ RGLWSOD\HG KHUHLQ WURGLPVLWRY
RU RWKHUZLVH

7KH SURGXFW OLVWHG KHUHLQ LV GHVQLHGWGRVRE FEHTXVLSBHZLWKRUR LGHLYLDFHVVWIDQG
HTXLSPHQW RU GHYLFHV ZKLFK UHTGLW KHKE DKO OXQYHVOGRQ LURHOLMDEL QVSD OXQFKU DXP
PHGLFDO LQVWUXPHQW VITWLSDFHGSVR UWHHURV SOXFFO FDEKWLQDF WFRLO FFRQVQLGRBOHHU V
GHYLFHV <DQJMLH RU DQIRQH RQ LWVQEMWK DQJ OLVEXLPHLWQRUR W HXGRQDYE B JW O...YL @