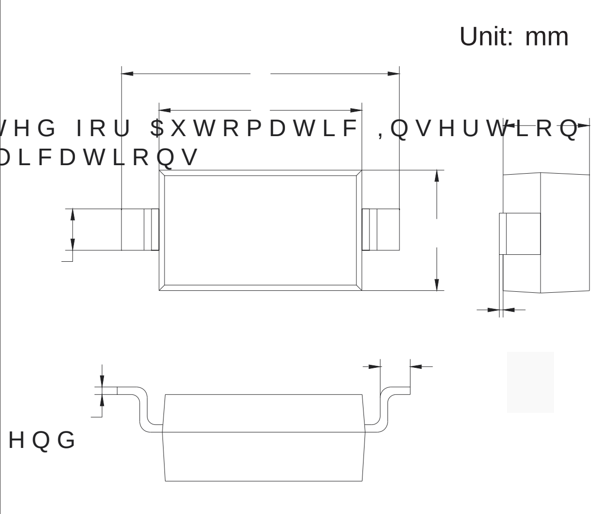
62' 6PDOO 6LJQDO 6ZLWFKLQJ 'LRG

)($785(6

”)DVW 6ZLWFKLQJ 6SHHG
”6XUIDFH 0RXQW 3DFNDJH ,GHDOO\ 6XLWHG IRU $XWRPDWLF ,QVHUWLRQ
”)RU *HQHUDO 3XUSRVH 6ZLWFKLQJ $SSOLFDWLRQV
”+LJK &RQGXFWDQFH



MECHANICAL DATA

”&DVH 62' 6PDOO 0DWOIE 3OF3NDJe

”3RODULW\ &RORU EDQG GHQRWHV FDWKRGH HQG

”0RXQWLQJ 3RVLWLRQ $Q\

0$;,080 5$7,1*6 $1' &+$5$&7(5,67,&6

ƒ &$PELHQW 7HPSHUDWXUH XQOHVV RWKHUZLVH QRWHG

Parameter	Symbol	Limit	Unit
Non-Repetitive Peak Reverse Voltage	V_{RM}	100	V
Peak Repetitive Peak Reverse Voltage Working Peak Reverse Voltage DC Blocking Voltage	V_{RRM} V_{RWM} V_R		V
RMS Reverse Voltage	$V_{R(RMS)}$	71	V
Forward Continuous Current	I_{FM}	300	mA
Average Rectified Output Current	I_O	150	mA
Non-Repetitive Peak Forward Surge Current @t=8.3ms	I_{FSM}	2.0	A
Power Dissipation	Pd	400	mW
Thermal Resistance from Junction WR Ambient 1RWH	R_{JA}	250	//W
Junction Temperature	T_j	150	/
Storage Temperature	T_{STG}	-55~+150	/

Parameter	Symbol	Min	Typ	Max	Unit	Conditions
Forward voltage	V_{F1}			0.715	V	I_F=1mA
	V_{F2}			0.855	V	I_F=10mA
	V_{F3}			1.0	V	I_F=50mA
	V_{F4}			1.25	V	I_F=150mA
Reverse current	I_{R1}			1	A	V_R=75V
	I_{R2}			25	nA	V_R=20V
Capacitance between terminals	C_T			2	pF	V_R=0V,f=1MHz

Reverse recovery time trR 65.764469 cm 181.1321106 0 0 1.088C- 06 0 0 1.0882111 7 -0.812 Td (rR 65.764469 cm 18 /TT1 7.183-9.15 Tf 0 Tw 237.ns7 -0.812 Td (rR 65.764469 cm 181.0884

5$7,1*6 $1' &+$5$&7(5,67,& &859(6