

D-123

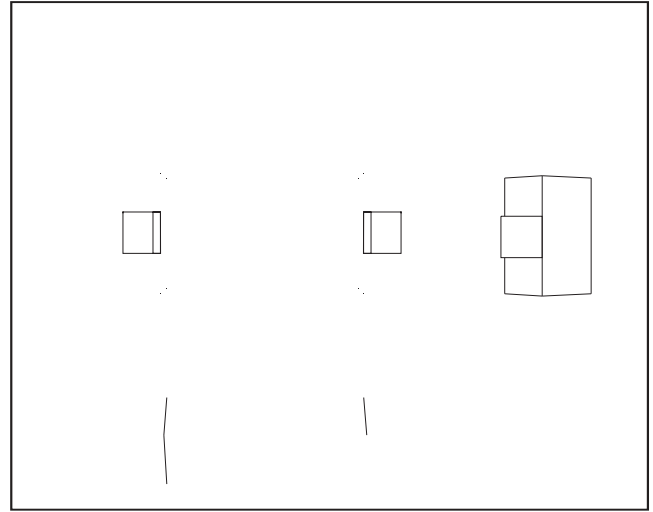
VOLTAGE RANGE:40V PEAK PULSE POWER: 0mW

FEATURES

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MECHANICAL DATA

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Parameter	Symbol	Value	Unit
Peak Repetitive Peak Reverse Voltage	$V_{RRM}$		V
Working Peak Reverse Voltage	$V_{RWM}$		V
DC Blocking Voltage	$V_R$		V
RMS Reverse Voltage	$V_{R(RMS)}$		V
Forward Continuous Current	$I_{FM}$	15	mA
Non-Repetitive Peak Forward Surge Current @t=8.3ms	$I_{FSM}$	2.0	A
Power Dissipation	$P_d$		mW
Thermal Resistance Junction to Ambient	$R_{JA}$		
Junction temperature	$T_j$	1 5	
Storage Temperature	$T_{STG}$	-55~+150	

Parameter	Symbol	Min	Typ	Max	Unit	Conditions
Reverse breakdown voltage		0				$I_R=10 A$
Forward voltage				0.		$I_F=1.0mA$ $I_F=1 mA$
Reverse current						$V_R=30V$
Capacitance between terminals			2.			
Reverse recovery time	$t_{rr}$				ns	$I_F=I_R=5mA$ $I_{rr}=0.1I_R, R_L=100$

MARKING: S3

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