

MAXIMUM RATINGS

CHARACTERISTIC		SYMBOL	CONDITION	UNIT
Repetitive Peak Reverse Voltage	25B4B41	V _{RRM}	100	V
	25D4B41		200	
	25G4B41		400	
	25J4B41		600	
Average Output Rectified Current	T _a =30°C	I _O	5.8	A
	T _f =61°C		25	
Peak One Cycle Surge Forward Current (Non-Repetitive)		IFSM	400	A
Junction Temperature		T _j	-40~150	°C
Storage Temperature Range		T _{stg}	-40~150	°C
Screw Torque			10	kg cm

ELECTRICAL CHARACTERISTICS

CHARACTERISTIC	SYMBOL	CONDITION	MIN.	MAX.	UNIT
Peak Forward Voltage	V _{FM}	I _{FM} =50A, T _a =25°C	-	1.1	V
Peak Reverse Current	I _{RRM}	V _{RRM} =Rated, T _j =25°C	-	10	μA
Thermal Resistance (Junction to Fin)	R _{th(j-f)}	DC	-	1.9	°C/W
Thermal Resistance (Junction to Ambient)	R _{th(j-a)}	DC	-	13	°C/W

Notes : 1. Fully coat the contact surface between the cooling fin and rectifier Stack with silicon grease, and then contact them each other.

