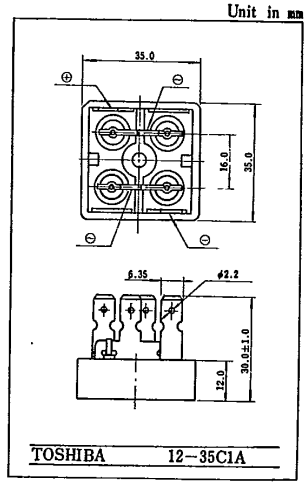
RECTIFIER STACK (BRIDGE)

25J4B41 600V 25A

Unit in mm



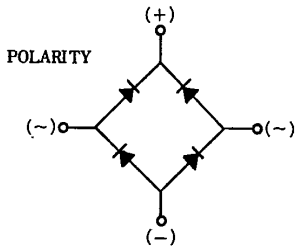
MAXIMUM RATINGS

CHARACTERISTIC		SYMBOL	CONDITION	UNIT
Repetitive Peak Reverse Voltage	25B4B41	V_{RRM}	100	V
	25D4B41		200	
	25G4B41		400	
	25J4B41		600	
Average Output Rectified Current	Ta=30℃	Io	5.8	A
	T_f=61℃		25	
Peak One Cycle Surge Forward Current (Non-Repetitive)		I_{FSM}	400	A
Junction Temperature		T_j	−40~150	℃
Storage Temperature Range		T_{stg}	−40~150	℃
Screw Torque			10	kg cm

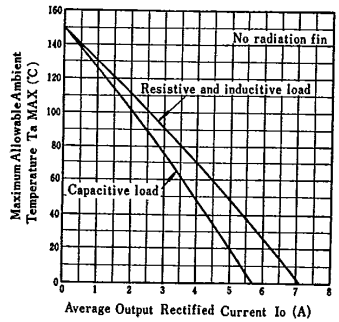
ELECTRICAL CHARACTERISTICS

CHARACTERISTIC	SYMBOL	CONDITION	MIN.	MAX.	UNIT
Peak Forward Voltage	V_{FM}	I_{FM}=50A, Ta=25℃	−	1.1	V
Peak Reverse Current	I_{RRM}	V_{RRM}=Rated, T_j=25℃	−	10	μA
Thermal Resistance (Junction to Fin)	$R_{th(j-f)}$	DC	−	1.9	℃/W
Thermal Resistance (Junction to Ambient)	$R_{th(j-a)}$	DC	−	13	℃/W

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



Ta MAX − Io



T_f MAX − Io

