

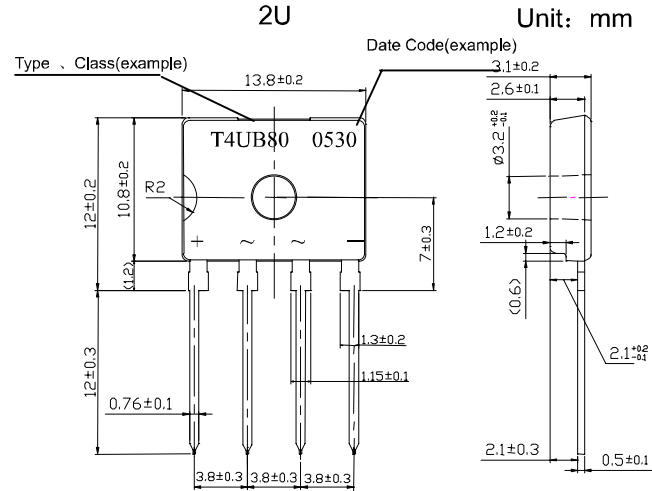
■ **Features**

- I_o 4.0A
- V_{RRM} 200V~800V
- Glass passivated chip
- High surge forward current capability
- Small size

■ **Applications**

- General purpose 1 phase Bridge rectifier applications

Outline Dimensions and Mark



■ **Limiting Values (Absolute Maximum Rating)**

Item	Symbol	Unit	Conditions	T4UB			
				20	40	60	80
Storage Temperature	T_{stg}	°C		-55~ +150			
Junction Temperature	T_j	°C		+150			
Repetitive Peak Reverse Voltage	V_{RRM}	V		800			
Average Rectified Output Current	I_o	A	60Hz sine wave, R-load,	Without heatsink $T_a=29^{\circ}C$			
				With heatsink $T_c=140^{\circ}C$			
Surge(Non-repetitive)Forward Current	I_{FSM}	A	60Hz sine wave, 1 cycle, $T_j=25^{\circ}C$		135		
Current Squared Time	I^2t	A ² s	3ms ≤ t < 8.3ms $T_j=25^{\circ}C$, Rating of per diode		75		
Dielectric Strength	Vdis	kV	Terminals to case, AC 1 minute		2		
Mounting Torque	TOR	kg · cm	Recommend torque: 5kg · cm		8		

■ **Electrical Characteristics** ($T_a=25^{\circ}C$ Unless otherwise specified)

Item	Symbol	Unit	Test Condition	Max
Peak Forward Voltage	V_{FM}	V	$I_{FM}=2A$, Pulse measurement, Rating of per diode	1.00
Peak Reverse Current	I_{RRM1}	μ A	measurement, Rating of per diode	10
Thermal Resistance	$R_{\theta J-A}$	°C/W	Between junction and ambient ,Without heatsink	55
	$R_{\theta J-L}$		Between junction and lead,Without heatsink	15
	$R_{\theta J-C}$		Between junction and case, With heatsink	1.5

■ Characteristics(Typical)

