

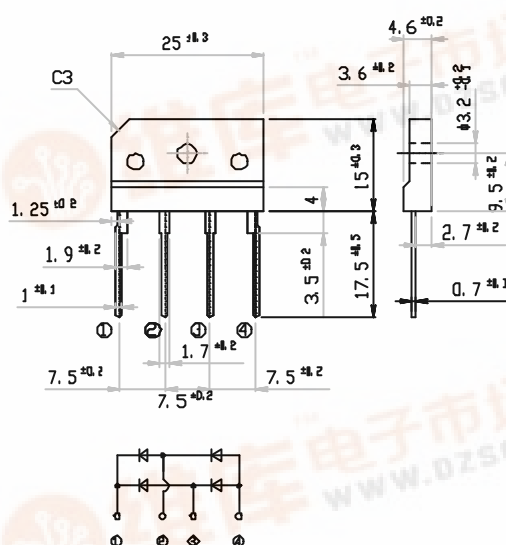
General Purpose Rectifiers

D3SBA20

- Switching power supply
- Home Appliances, Office Equipment
- Telecommunication, Factory Automation

Case : 3S

Unit : mm

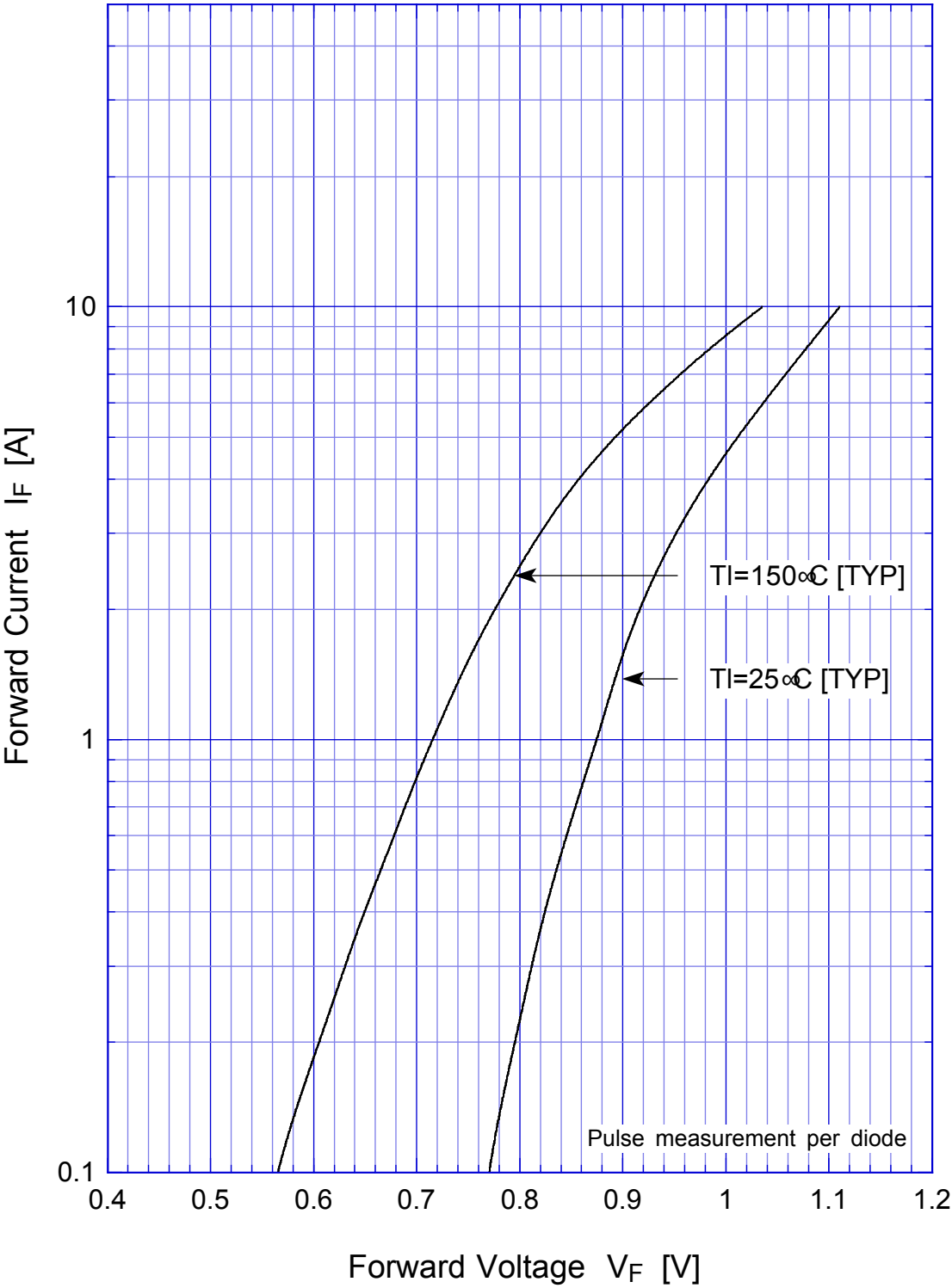


Item	Symbol	Conditions	Ratings	Unit
Forward Voltage	V_F	$I_F=2A$, Pulse measurement, Rating of per diode	Max.1.05	V
Reverse Current	I_R	$V_R=V_{RM}$, Pulse measurement, Rating of per diode	Max.10	μA
Thermal Resistance	θ_{jc}	junction to case With heatsink	Max.5.5	/W
	θ_{jl}	junction to lead Without heatsink	Max.6	
	θ_{ja}	junction to ambient Without heatsink	Max.30	



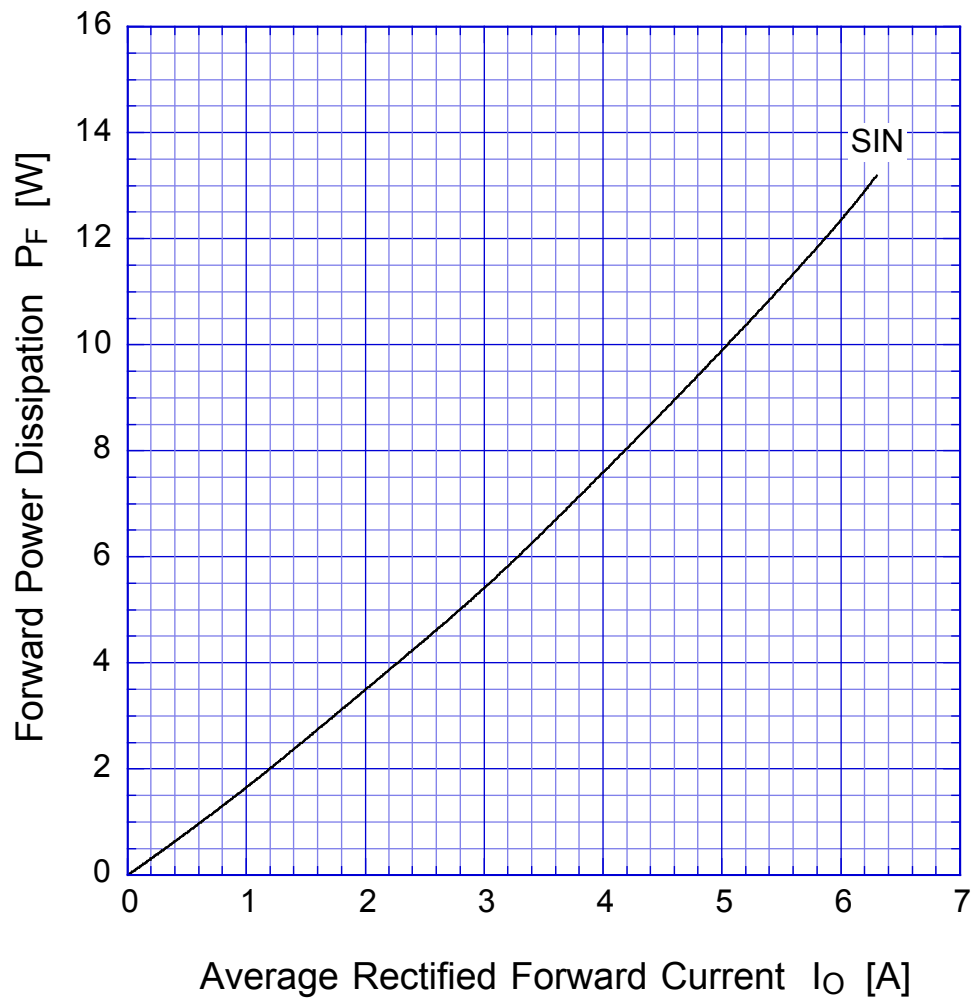
D3SBAx

Forward Voltage



D3SBAx

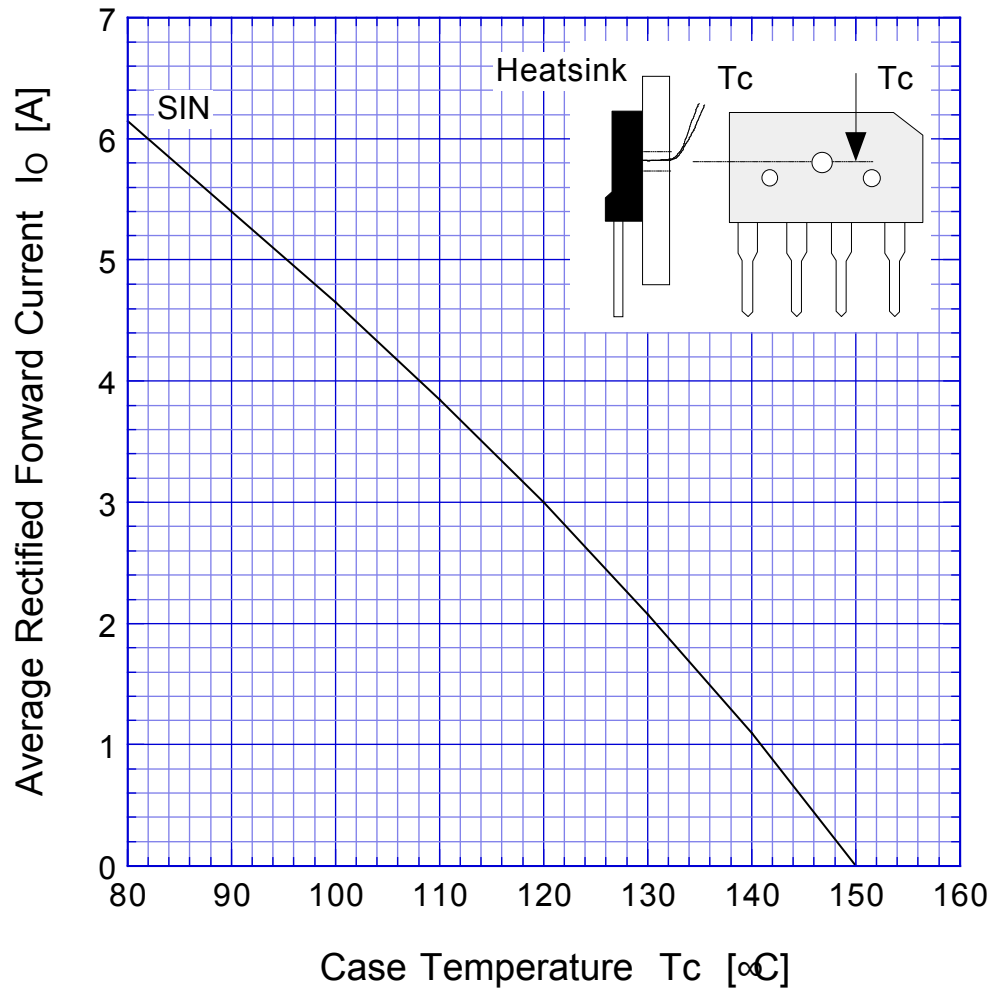
Forward Power Dissipation



$T_j = 150^{\circ}\text{C}$
Sine wave

D3SBAx

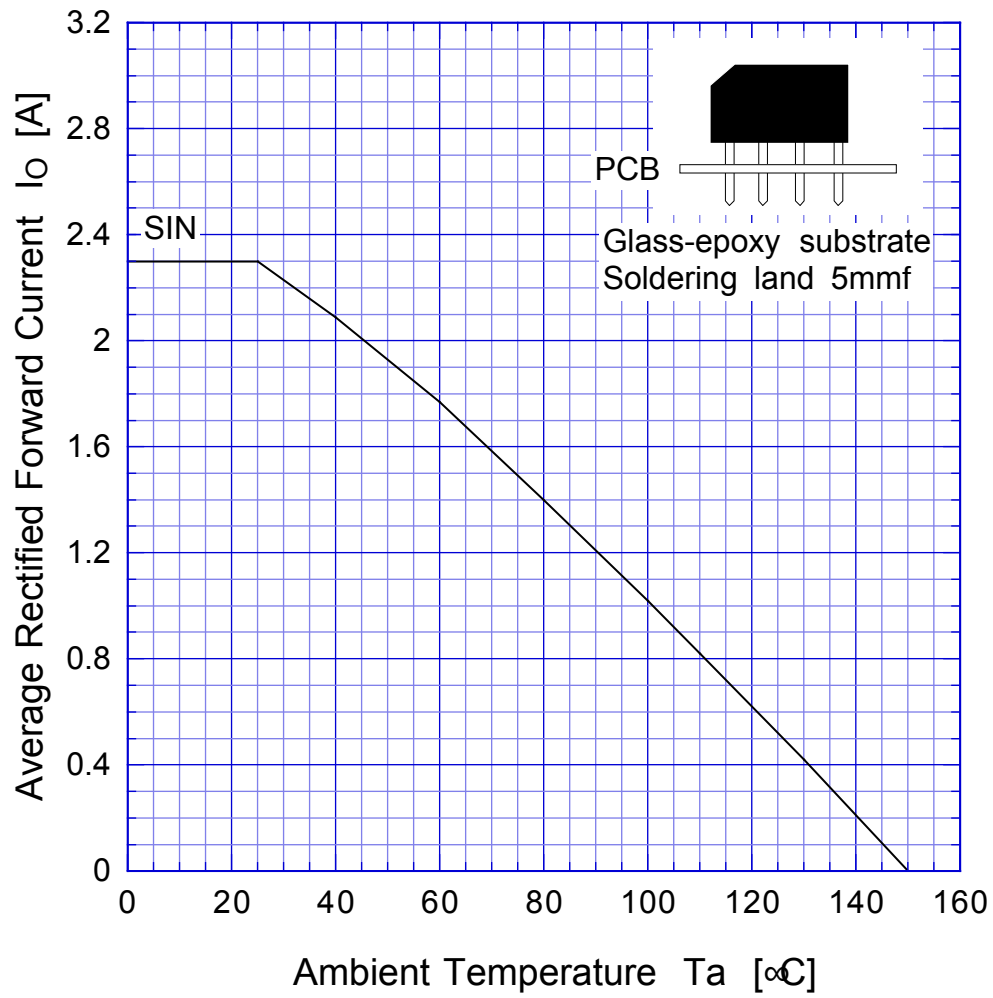
Derating Curve



Sine wave
R-load
with heatsink

D3SBAx

Derating Curve



Sine wave
R-load
Free in air

D3SBAX

Peak Surge Forward Capability

