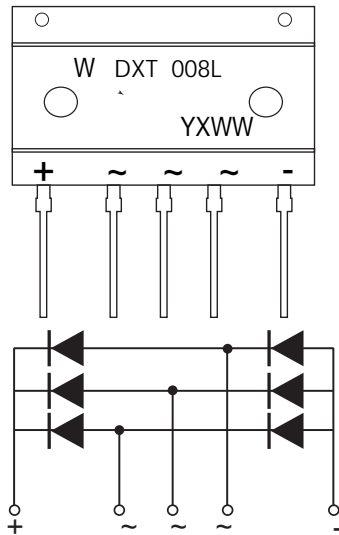


## Low VF Three-phase Bridge Rectifiers



- Glass Passivated Chip Junction
- Low IRRM
- Low VF
- High VRRM
- Special frame design for heat dissipation

- Case: DXT
- Terminals: Solderable Per MIL-STD-750
- Reduced power loss and switching transistor

	Symbols	DXT6008L	
Maximum Repetitive Peak Reverse Voltage	VRRM	800	V
Maximum RMS voltage	VRMS	560	V
Maximum DC Blocking Voltage	VDC	800	V
Average Rectified Output Current	I <sub>o</sub>	60	A
Peak Forward Surge Current 8.3 ms Single Half Sine Wave Superimposed on Rated Load (JEDEC Method)	IFSM	450	A
I <sup>2</sup> t rating for fusing ( 1ms< t < 10ms)	I <sup>2</sup> t	840	A <sup>2</sup> S
Type Forward Voltage at 30.0A	VF	0.93	V
Maximum Forward Voltage at 30.0 A			
Maximum DC Reverse Current @TA=25 °C at Rated DC Blocking Voltage @TA=125 °C	IR	10 500	μA
Typical Junction Capacitance Note1	C <sub>j</sub>	50	pF
Operating and Storage Temperature Range	T <sub>j</sub> , T <sub>stg</sub>	-55 ~ +1	°C

Note: 1. Measured at 1MHz and applied reverse voltage of 4 VDC.

2. Mounted on glass epoxy PC board with 4x1.5"x1.5" (3.81x3.81 cm) copper pad.



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