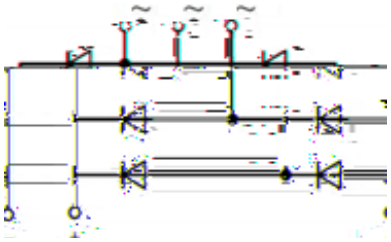
- Low forward voltage and leakage current
- Low inductance package
- High surge current capability

V_{RRM}	1600	V
I_D	150	A
I_{FSM}(@ t_P = 10ms)	1500	A
V_F(Max)	1.45	V

- Field supply for DC motors
- Line rectifiers for transistorized AC motor controllers
- Non-controllable rectifiers for AC/DC converter





(@ T_C = 25℃ unless otherwise specified)

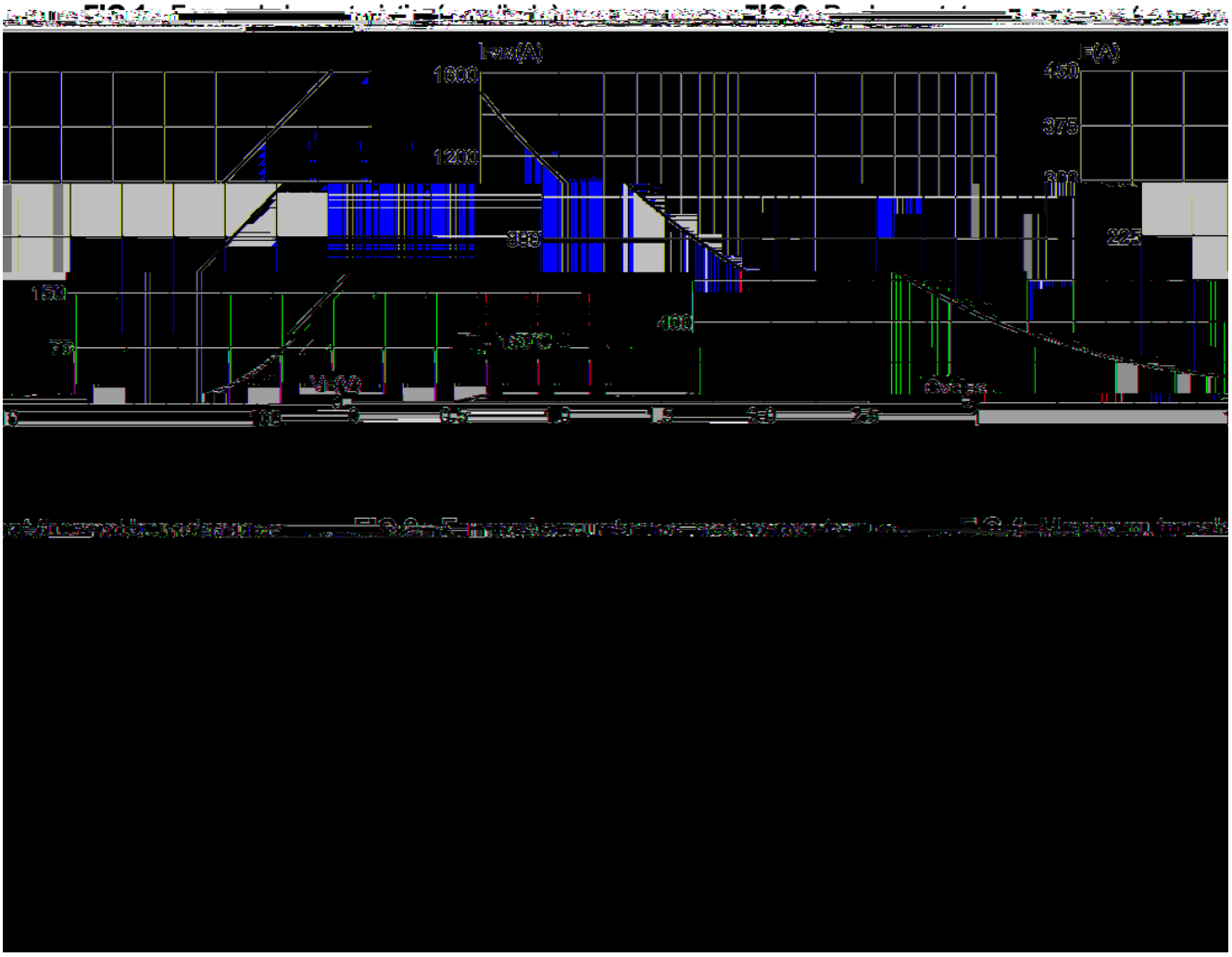
Repetitive peak reverse voltage		V_{RRM}	1600	V
Non-repetitive peak reverse voltage		V_{RSM}	1700	V
Output current	T_C = 100	I_D	150	A
Forward surge current	1/2 cycle, Sine wave, 50Hz T_{vj} = 25	I_{FSM}	1500	A
I^2t value for fusing		I^2t	11250	A^2s
RMS isolation voltage	A.C 50Hz(1s/1min)	V_{ISO}	3600/3000	V
Junction temperature range		T_J	-40 ~ +150	
Storage temperature range		T_{stg}	-40 ~ +125	

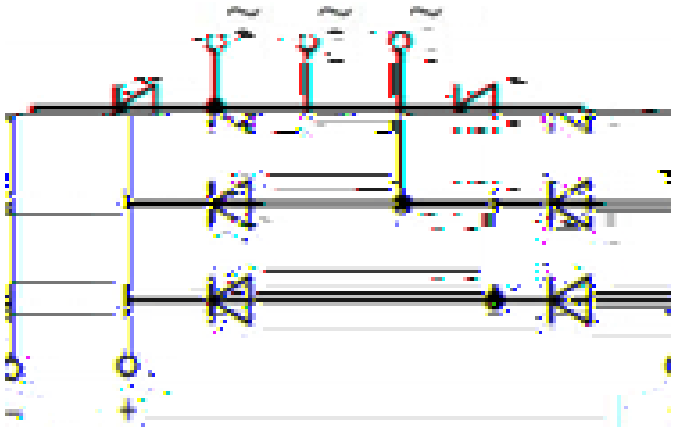
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(@ T_C = 25℃ unless otherwise specified)

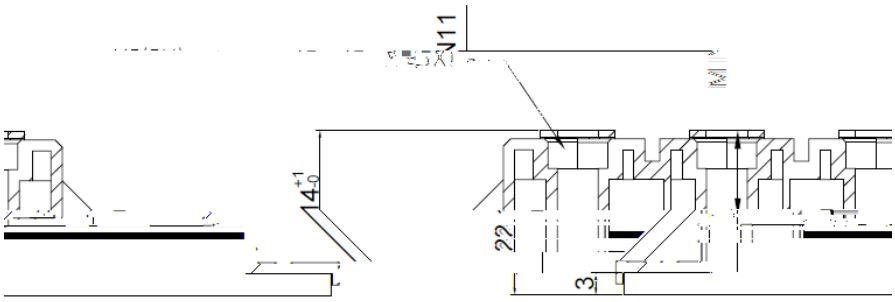
Forward voltage	I_F = 150A, Tvj = 25	V_F		1.25		V
Reverse leakage current	$V_R = V_{RRM}$, Tvj = 25	I_{RRM}				

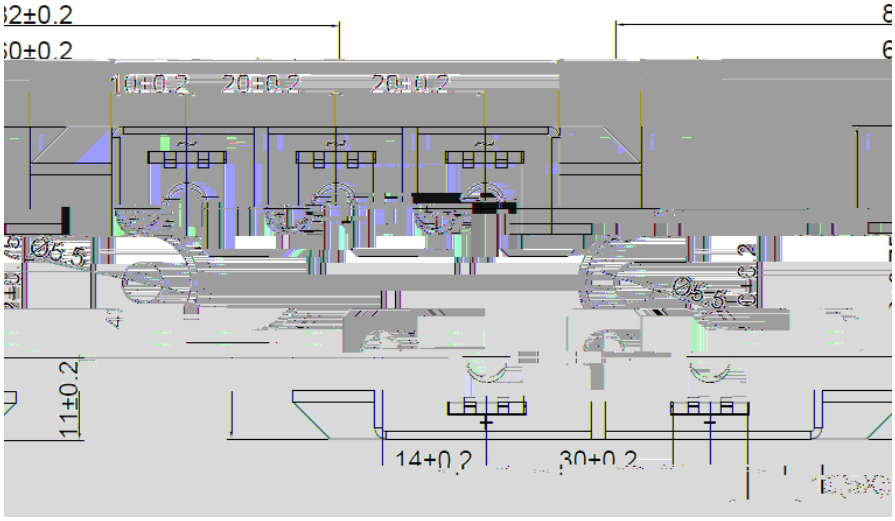
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Unit of measurement: mm

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