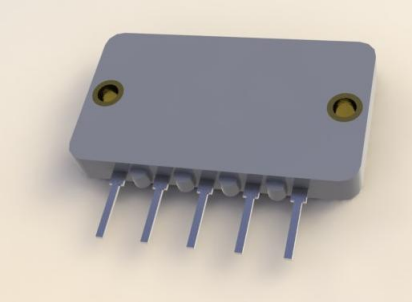
TECHNICAL DATA
DATA SHEET 5275, REV B

THREE PHASE FULL WAVE BRIDGE RECTIFIER ASSEMBLY



DESCRIPTION: 1200 V, 45 A, 500 Nanosecond THREE PHASE BRIDGE RECTIFIER ASSEMBLY
MAX. RATINGS / ELECTRICAL CHARACTERISTICS All ratings are at $T_A = 25^oC$ unless otherwise specified.

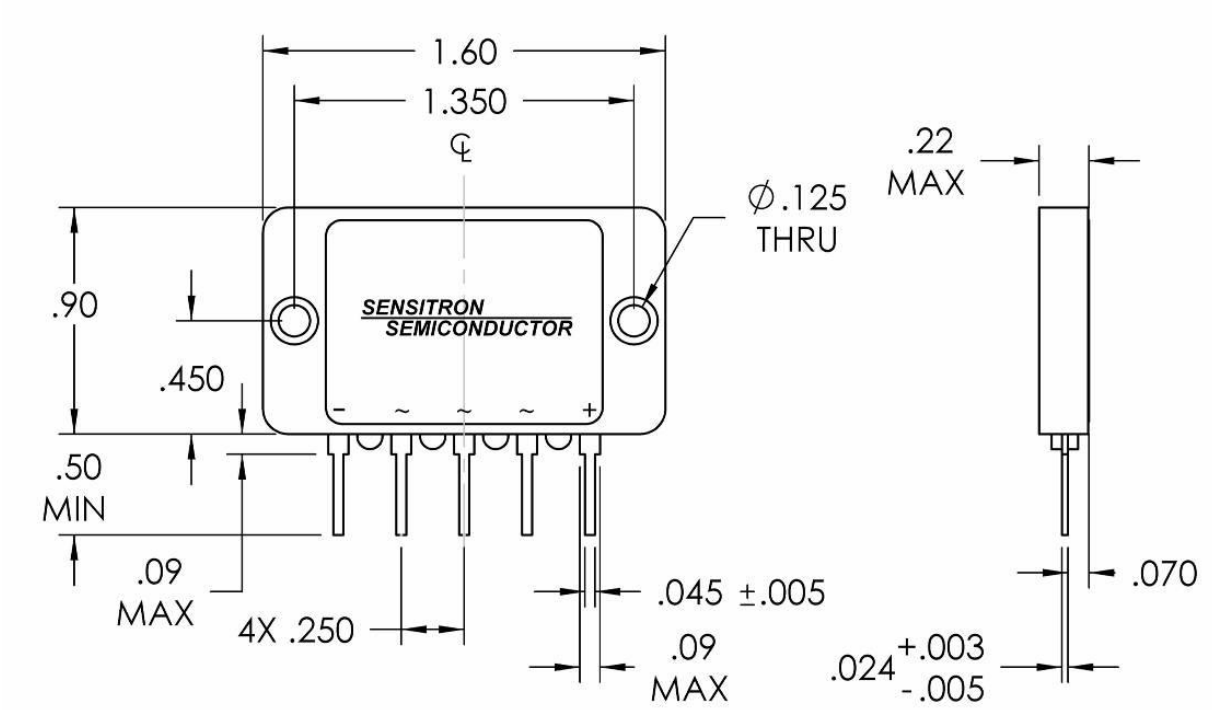
RATING	CONDITIONS	MIN	TYP	MAX	UNIT
Peak Inverse Voltage (PIV)	-	-	-	1200	Vdc
Average DC Output Current (T_C = Case Temp) (I_o)	$T_C = 55^oC$ $T_C = 100^oC$ $T_C = 125^oC$	-	-	45 28 16	A
Average DC Output Current Ambient Temp. (no heat sink) (I_o)	$T_A = 25^oC$ $T_A = 55^oC$ $T_A = 100^oC$	-	-	8.0 5.0 2.5	A
Peak Single Cycle Surge Current (I_{FSM})	t_p = 8.3 ms Single Half Cycle Sine Wave	-	-	300	A(pk)
Operating and Storage Temp. (T_{op} & T_{stg})	-	-55	-	+150	°C
Maximum Forward Voltage (V_f) (300 μsec pulse duty cycle < 2%)	I_f = 9A I_f = 45A	-	-	1.40 2.10	V
Maximum Instantaneous Reverse Current At Rated (PIV)	$T_A = 25°$ C $T_A = 100°$ C	-	-	50 500	μA
Reverse Recovery Time (t_{rr})	I_f = 0.5A, I_r = 1.0A, I_{rr} = 0.25A	-	-	500	nsec
Thermal Resistance (θ_{JL}) Per Leg	-	-	-	4.0	°C/W
Weight	-	-	16	-	gms

Note: Add a suffix **S** to the part number for **JAN-S Level Screening**.

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MECHANICAL DIMENSIONS: In Inches



NOTES:

1. TOLERANCE: .XX = ±.02
   .XXX = ±.010

2. MAXIMUM MOUNTING TORQUE = 4 IN-LB

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