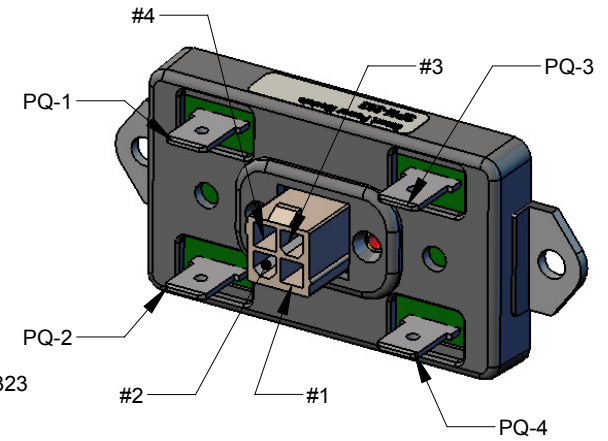
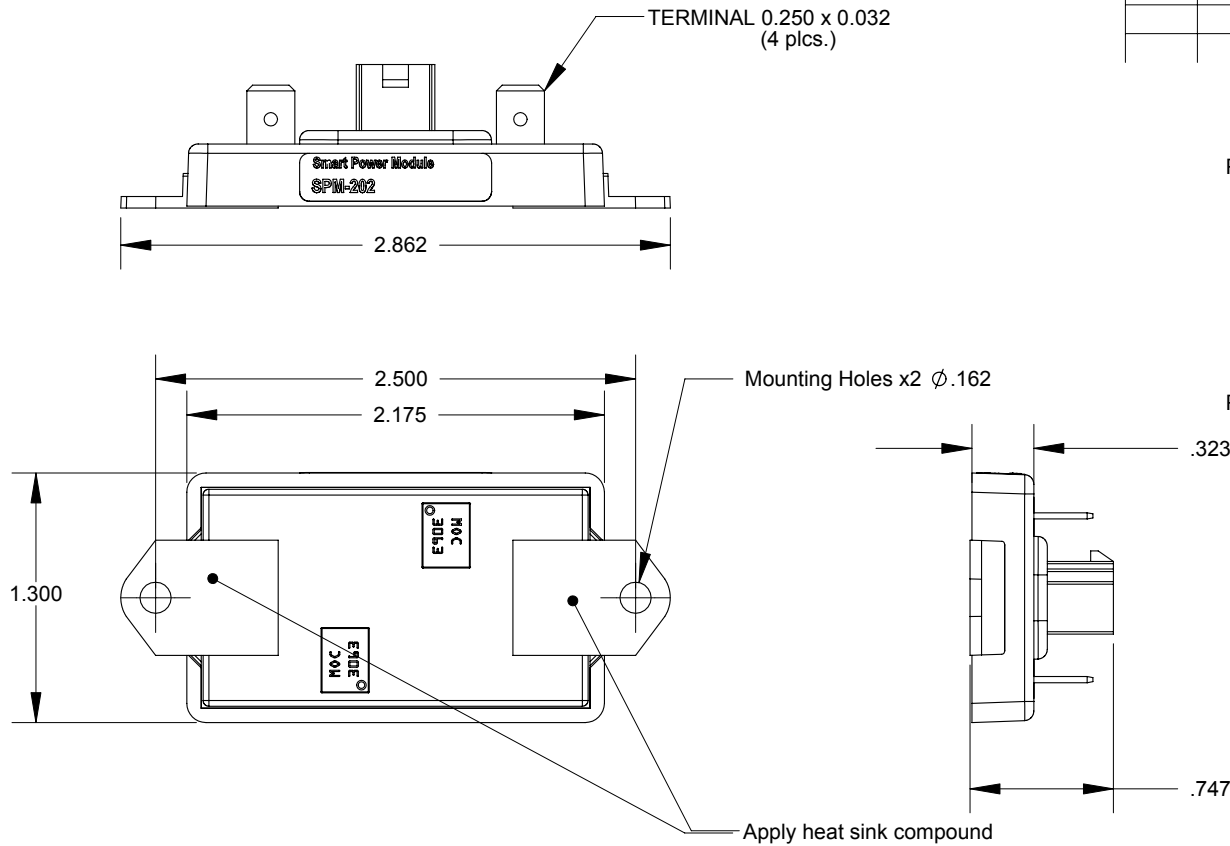
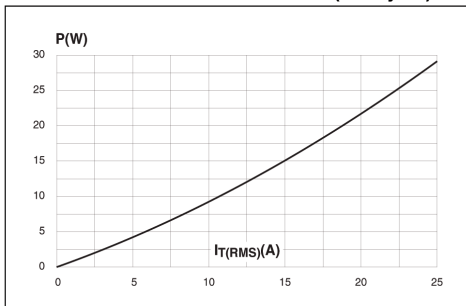


REVISIONS		DATE	APPROVED
ZONE	REV.	DESCRIPTION	



Connector PIN Data	
PQ-1	LOAD1-1
PQ-2	LOAD1-2
PQ-3	LOAD2-1
PQ-4	LOAD2-2
#1	+5V DC
#2	GND
#3	1-wire network IN
#4	1-wire network OUT

**Figure 1. Maximum power dissipation versus RMS on-state current (full cycle)**



Operating Voltage: 24-250Vrms  
 Max. Load Current: 20Arms. Heat sinking required, for derating curves see Figure 1.  
 Ambient Operating Temp. Range -40 to 75°C  
 Thermal Resistance Junction to Case: 0.9°C/W  
 Input : 5V TTL

UL File: E229677

**PROPRIETARY AND CONFIDENTIAL**  
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DIMENSIONS ARE IN INCHES TOLERANCES: FRACTIONAL ± ANGULAR: MACH ± BEND ± TWO PLACE DECIMAL ±.015 THREE PLACE DECIMAL ±.005		NAME ZR	DATE 8/17/06	<b>RENAU</b> ELECTRONIC LABORATORIES  <b>SPM-202</b> <b>Smart Power Module</b> <b>2x20Amp 120/240Vac</b>
MATERIAL --		CHECKED ZR	07/07/07	
FINISH --		ENG APPR.		
NEXT ASSY USED ON		MFG APPR.		
APPLICATION		Q.A.		
DO NOT SCALE DRAWING		COMMENTS:		
SCALE: 1:1		SIZE <b>A</b>	DWG. NO. <b>70A6002</b>	REV. <b>C</b>
WEIGHT:		SHEET 1 OF 1		