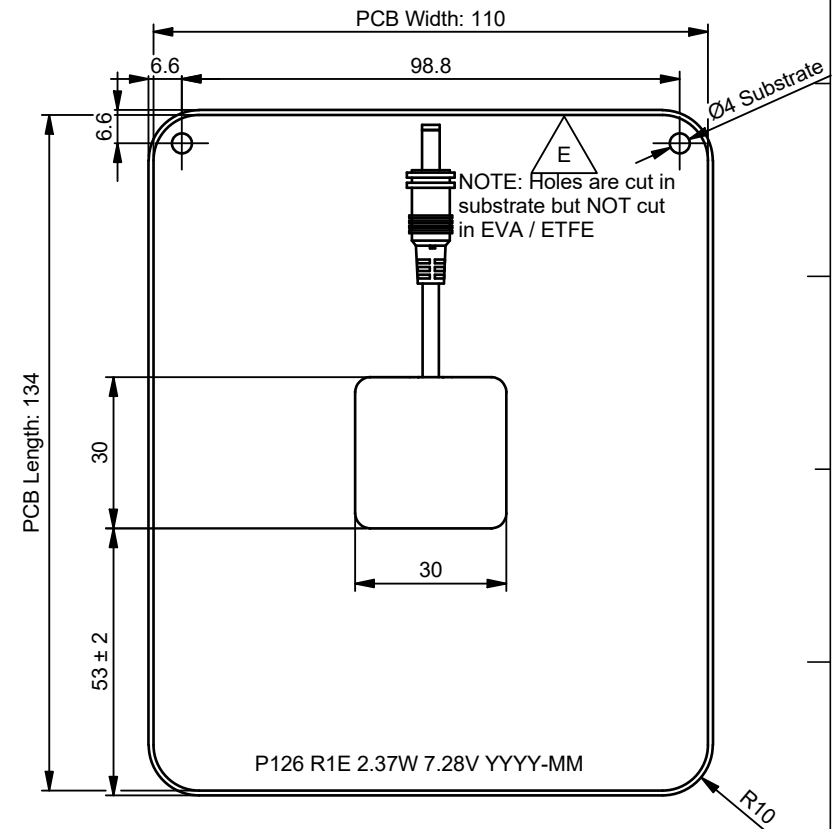
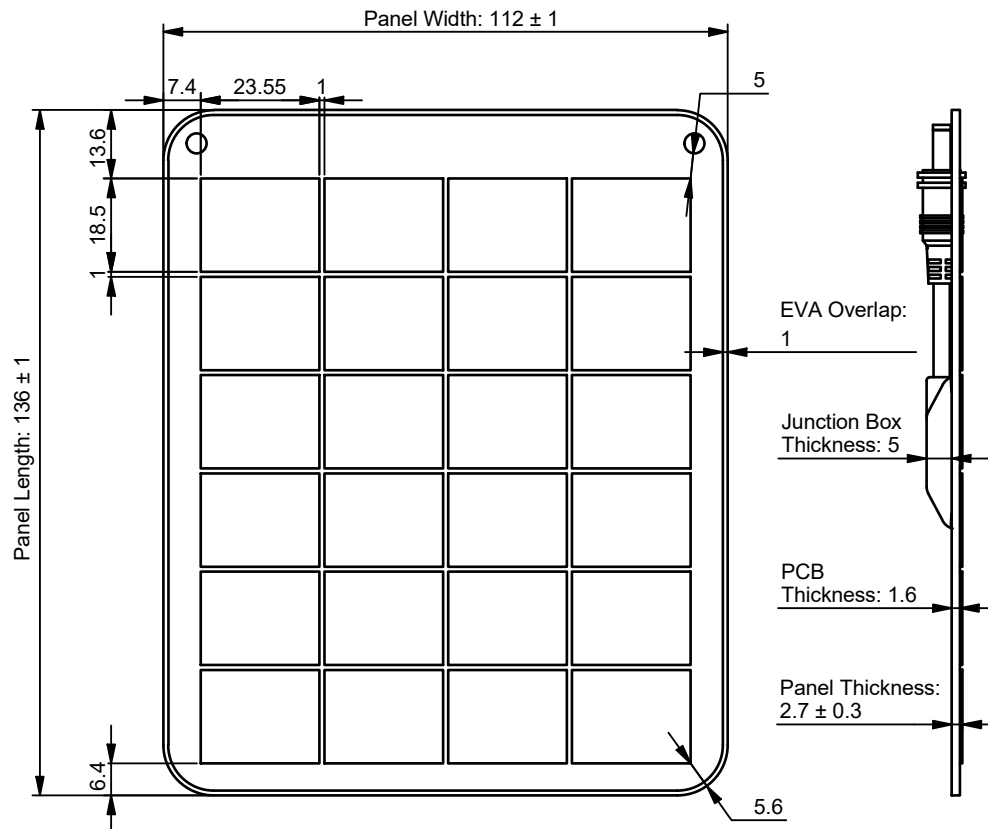




Drawing Details

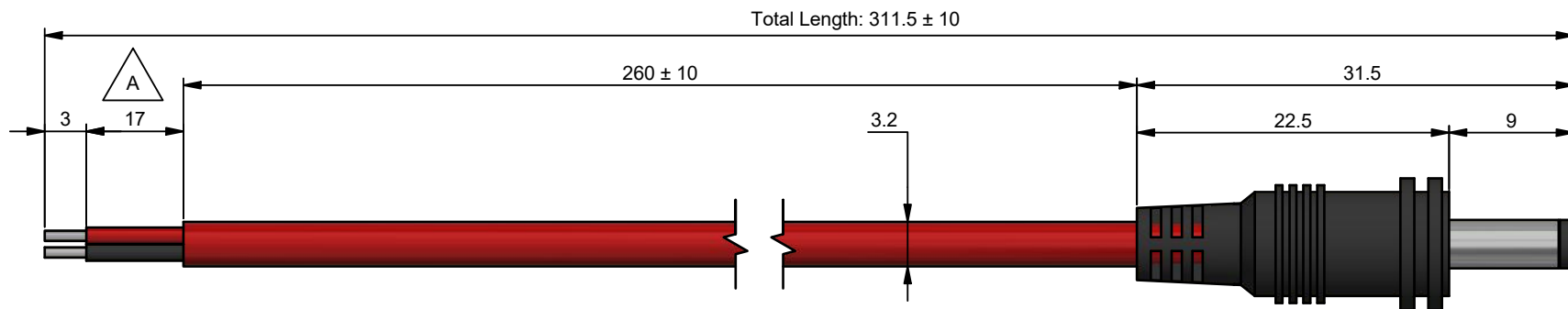
Panel Number:	P126
Revision:	R1E
Engineer:	CY
Checked By:	SM
Date Created:	2020-04-14
Date Modified:	2020-05-05
Changes:	Removed Holes
Tolerance:	± 0.3
Units:	mm
Scale:	2:3
Sheet:	1/3

Construction

All Materials RoHS Compliant
Substrate: Double-Sided PCB
Encapsulant: EVA F806P
Top Layer: ETFE Minimal Pattern
Wire Number: W017
Wire Length: 260 ± 10 mm
Strain Relief: Junction Box
Attachment: N/A
Color: Black

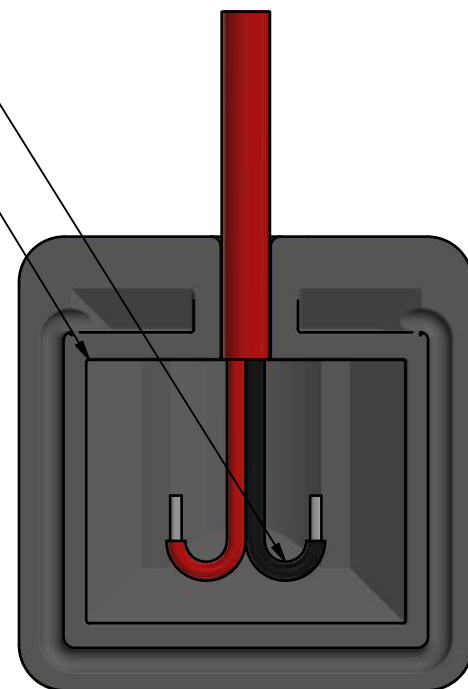
Power Specifications

Output Tolerance: ± 10% of Voltage and Current				
Solar Cell: SunPower Gen III Je3A				
Nominal Efficiency: ≥ 22.7%		Cell Pieces: 24		
Panel Electrical Ratings		Nominal	Expected	
Open-Circuit Voltage	Voc	8.51	7.66	V
Voltage at Max Power	Vp	7.28	6.56	V
Short-Circuit Current	Isc	0.36	0.33	A
Current at Max Power	Ip	0.33	0.30	A
Maximum Power	Wp	2.37	1.98	W



Wire curved for added strain relief

Jbox filled with silicone or epoxy

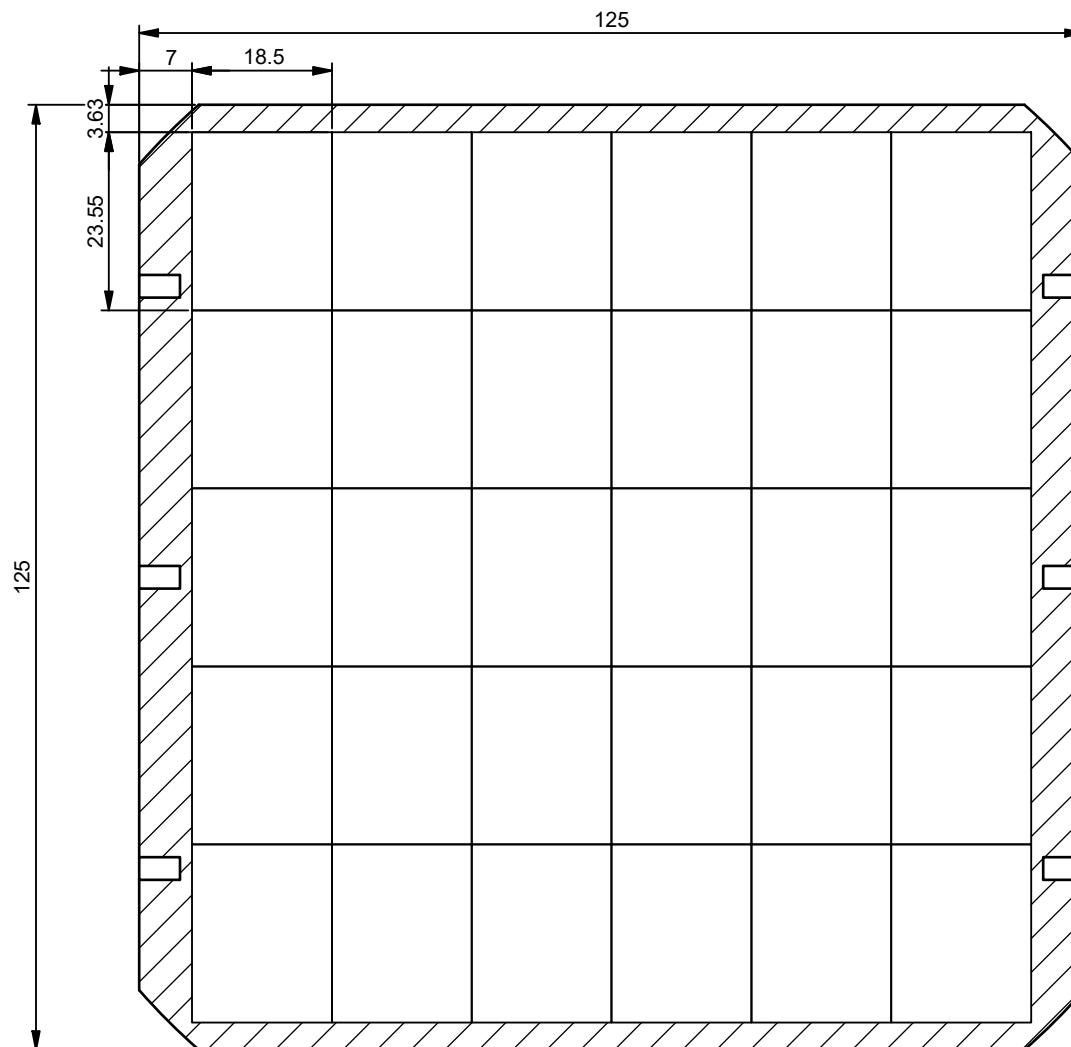


Drawing Details

Wire Number:	W017
Revision:	R2A
Engineer:	CY
Checked By:	SM
Date Created:	2018-06-28
Date Modified:	2020-05-06
Changes:	Stripped Length
Tolerance:	± 0.3
Units:	mm
Scale:	2
Sheet:	2/3

Wire Details

All Materials RoHS Compliant	
Length:	260 ± 10 mm
Conductor Gauge:	22
Connector:	3.5 x 1.1 mm
Crimp:	N/A
Jacket Color:	Red
Jacket Material:	PU
Insulator Colors:	Black and Red
Insulator Material:	PVC



Cell Cut Diagram

Cell:	SunPower Gen III Je3A		
Cell Efficiency:	$\geq 22.7\%$		
Panel Number:	P126		
Panel Revision:	R1E		
Panel Date:	2020-05-05		
Engineer:	CY		
Checked By:	SM		
Tolerance:	± 0.3	Units:	mm
Scale:	1:1	Sheet:	3/3