

**NOTES:**

1. All materials RoHS compliant
2. Rev 5: 19.34mm cell height
3. Rev 5: panel extended from rev 4 by 15mm
4. Rev 5B: holes Ø5mm and side holes 6.4mm from edge
5. Rev 4B: bottom holes 5mm from edge
6. Rev 5C: panel width extended 1mm to 223mm
7. Rev 5D: middle cell gap 2mm from 1mm

**Front**

**Side**

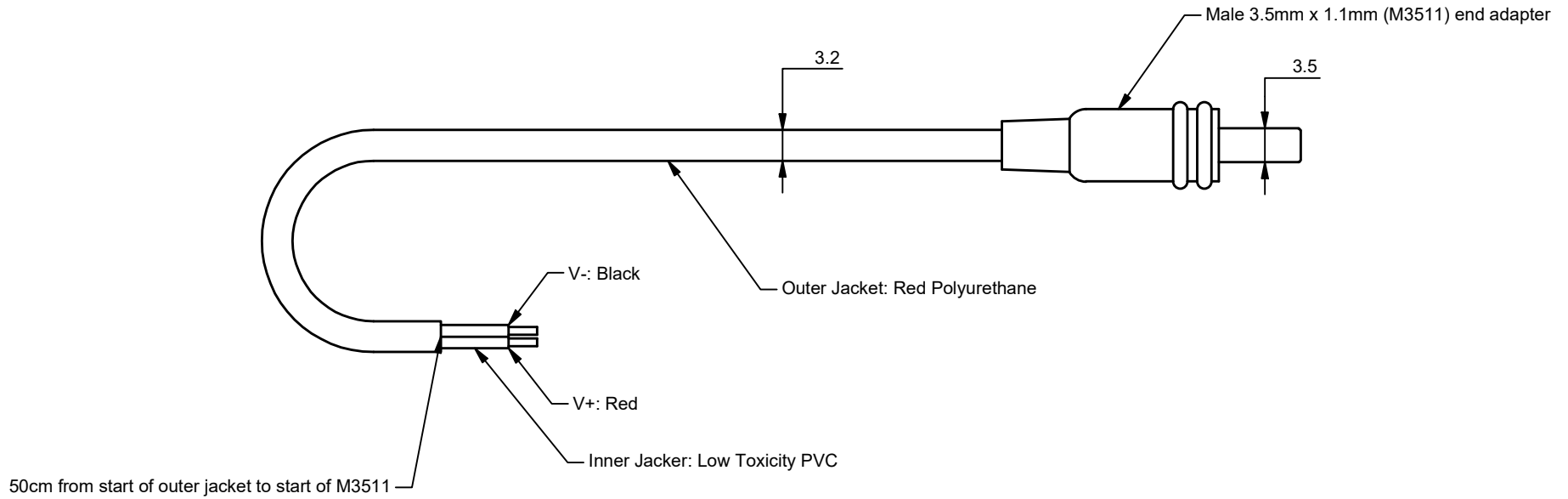
**Back**



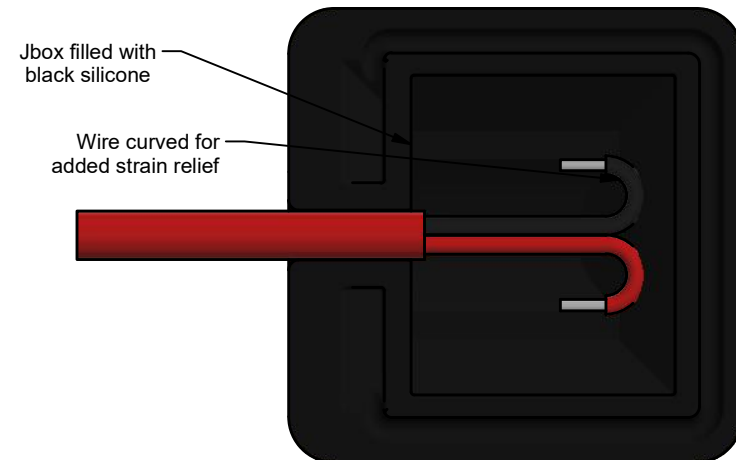
FILE DETAILS	SUBSTRATE	HARDWARE	POWER																												
PRODUCT NAME: <b>P110 10W 6V R5D</b>	PNL. SIZE: 223 x 273.5 +/- 1.0 PCB. SIZE: 221 x 271.5	WIRE LENGTH: 50 +/- 5cm	Cell Supplier: SunPower Cell Type: BinQ 20%																												
DWG. NO.: P110_10_6_223x273.5_R5D	MATERIAL: 2mm Epoxy Plate	WIRE PLUG: M3511	Output Tolerance (Vp, Ip): ±10%																												
DWG. TYPE: Production	COLOR: Black	WIRE NO.: 52	<table border="1"> <thead> <tr> <th></th> <th>Manufacturer Cell Spec.</th> <th>Expected Panel Output</th> <th></th> </tr> </thead> <tbody> <tr> <td>MC</td> <td>20</td> <td>20</td> <td>pcs</td> </tr> <tr> <td>Voc</td> <td>6.94</td> <td>6.25</td> <td>V</td> </tr> <tr> <td>Vp</td> <td>5.71</td> <td>5.14</td> <td>V</td> </tr> <tr> <td>Isc</td> <td>1.74</td> <td>1.68</td> <td>A</td> </tr> <tr> <td>Ip</td> <td>1.67</td> <td>1.55</td> <td>A</td> </tr> <tr> <td>Wp</td> <td>9.54</td> <td>7.99</td> <td>W</td> </tr> </tbody> </table>		Manufacturer Cell Spec.	Expected Panel Output		MC	20	20	pcs	Voc	6.94	6.25	V	Vp	5.71	5.14	V	Isc	1.74	1.68	A	Ip	1.67	1.55	A	Wp	9.54	7.99	W
	Manufacturer Cell Spec.	Expected Panel Output																													
MC	20	20	pcs																												
Voc	6.94	6.25	V																												
Vp	5.71	5.14	V																												
Isc	1.74	1.68	A																												
Ip	1.67	1.55	A																												
Wp	9.54	7.99	W																												
SCALE: UNITS: TOLERANCE: SHEET: 1:2.7 MM ±0.2mm 1	COATING: ETFE YH06	WIRE COLOR: Red outer, red & black inner																													
CREATED BY: ME DATE: 2019-08-30	TAPE: None	STRAIN RELIEF: J-Box																													
REV. CHANGE: 5D C DATE: 2019-10-09 CHK'D BY: SM	TEMP. RANGE:	SCREWS: None																													

This document contains proprietary information and should not be copied or shared without the consent of Voltaic Systems.

# WIRE #052



## JBOX ASSEMBLY INSTRUCTIONS



### NOTES:

1. All materials RoHS compliant



<b>WIRE NUMBER: #052</b>	
WIRE LENGTH:	50 +/- 1 cm
WIRE PLUG:	M3511
WIRE COLOR:	Red Outer, Black and Red Inner
WIRE GAUGE:	22 AWG
WIRE MATERIAL:	PU or Low-Toxicity PVC

REV.	CRT'D BY:	DATE:	CHK'D BY:
1A	ME	2019-09-25	

This document contains proprietary information and should not be copied or shared without the consent of Voltaic Systems.