



Front of Panel

Side of Panel

**Back of Panel
(before jbox)**

**Back of Panel
(finished)**

NOTES:

1. All materials RoHS compliant
2. Cutting Method: Punching or Laser
3. No letters on back of PCB; only numbers
4. No black tape on back of panel
5. Change D: Switched to EEPV cells; updated drawing conventions



FILE DETAILS	SUBSTRATE	HARDWARE	POWER																												
PRODUCT NAME: P208 0.8W 2V 62x120mm Rev 2D	PNL. SIZE: $62 \times 120 \pm 0.5$ mm PCB. SIZE: $60 \times 118 \pm 0.5$ mm	WIRE LENGTH: Total 200 ± 5 mm	Cell Supplier: EEPV Cell Type: 3BB 19.5% + Output Tolerance (Vp, Ip): $\pm 10\%$																												
DWG. NO.: P208_0.8_2_62x120_R2D	MATERIAL: 1.6 mm Epoxy Plate	WIRE PLUG: Insulated Alligator Clips																													
DWG. TYPE: PRODUCTION	COLOR: Black	WIRE NO.: W084																													
SCALE: UNITS: TOLERANCE: SHEET: 1:1.4 MM ± 0.3 mm 1/2	COATING: PET	WIRE COLOR: Red + Black																													
CREATED BY: CY	DATE: 2019-01-23	TAPE: Black																													
REV. CHANGE: DATE: CHK'D BY: 2 D 2019-11-22 SM	TEMP. RANGE:	SCREWS: None																													
			<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>4</td> <td>4</td> <td>pcs</td> </tr> <tr> <td>Voc</td> <td>2.56</td> <td>2.43</td> <td>V</td> </tr> <tr> <td>Vp</td> <td>2.17</td> <td>2.06</td> <td>V</td> </tr> <tr> <td>Isc</td> <td>0.42</td> <td>0.40</td> <td>A</td> </tr> <tr> <td>Ip</td> <td>0.39</td> <td>0.37</td> <td>A</td> </tr> <tr> <td>Wp</td> <td>0.85</td> <td>0.77</td> <td>W</td> </tr> </tbody> </table>		Manufacturer Cell Spec.	Expected Panel Output		MC	4	4	pcs	Voc	2.56	2.43	V	Vp	2.17	2.06	V	Isc	0.42	0.40	A	Ip	0.39	0.37	A	Wp	0.85	0.77	W
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WIRE #84

Total Length: 200 ± 5 mm



NOTES:

1. All materials RoHS compliant
2. Changes: Specified no outside jacket; specified length of peeled



Voltaic

WIRE NUMBER: #84	
WIRE LENGTH:	200 ± 5 mm
WIRE PLUG:	Alligator Clips with insulation
WIRE COLOR (OUTER):	N/A
WIRE MATERIAL:	PU or Low-Toxicity PVC
WIRE JACKET DIAMETER:	N/A
WIRE GAUGE:	20 AWG
WIRE COLOR (INNER):	Black and Red
CREATED BY:	DATE:
CY	2019-02-15
REV. #	REV DATE: CHECKED BY:
1C	2019-03-21 SM

JBOX ASSEMBLY INSTRUCTIONS

