



**ELECTRICAL**

| PARAMETER    | VALUE | UNIT |
|--------------|-------|------|
| Wattage      | 0.77  | W    |
| Voltage      | 15.4  | V    |
| Voltage (oc) | 19.0  | V    |
| Current      | 50    | mA   |
| Current (sc) | 60    | mA   |

**MECHANICAL**

| PARAMETER      | VALUE                 | UNIT        |
|----------------|-----------------------|-------------|
| Height         | 1.1 (44)              | mm (mils)   |
| Length x Width | 90 x 270 (3.5 x 10.6) | mm (inches) |
| Aperture Size  | 75 x 240 (3.0 x 9.5)  | mm (inches) |
| Weight         | 31.8 (1.1)            | g (oz)      |

|                           |                                     |
|---------------------------|-------------------------------------|
| Encapsulation             | Ethylene tetrafluoroethylene (ETFE) |
| Average Lifetime Flexions | 2,000                               |
| *Average Outdoor Lifespan | 10 years                            |

**OPERATIONAL**

| **STC - (Standard Test Conditions) 1,000W/m <sup>2</sup> , AM 1.5, 25°C Cell Temperature |                        |
|--|------------------------|
| Temperature Departure of Isc   | 0.07%/K (3.6 mA/K)     |
| Temperature Departure of Voc   | -0.26%/K (-57 mV/K)    |
| Temperature Departure of Pmax  | -0.19%/K (-110.4 mW/K) |
| Temperature Departure of Imp   | 0.07%/K (2.4 mA/K)     |
| Temperature Departure of Vmp   | -0.24%/K (-41 mV/K)    |

**NOTES**

- \*Average Outdoor Lifespan based on the absence of additional shielding or protection.
- During first 8-10 weeks of operation, electrical output may exceed specified ratings.
- Electrical specifications are based on measurements performed at \*\*STC after stabilization.
- Performance may vary from rated power due to temperature and/or spectral fluctuations.

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|------|-------------|-----------|------------|------------|----------|
| V1.0 | FIRST ISSUE | 9/12/2013 | F. Meitzen | R.Anastasi |          |
|      |             |           |            |            |          |
|      |             |           |            |            |          |

|             |                |   |
|-------------|----------------|---|
| Part Name   | <b>PT15-75</b> | 中国语文 <a href="http://www.rourentaiyangneng.com">http://www.rourentaiyangneng.com</a>                      |
|             |                | Deutsch <a href="http://www.flexiblesolarzellen.com">http://www.flexiblesolarzellen.com</a>               |
| Part Number | <b>F10M</b>    | Español <a href="http://www.celdassolaresflexibles.com">http://www.celdassolaresflexibles.com</a>         |
|             |                | Française <a href="http://www.panneauxsolairesflexibles.com">http://www.panneauxsolairesflexibles.com</a> |



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