



## Introducing Solar Identification Labels



## KEY FEATURES

- Recommended for use in identification of DC Disconnects and Inverters.
- For use on painted smooth metal and textured metal surfaces.
- Excellent durability in extreme outdoor elements such as UV, rain, humidity, cold and salt spray.
- Multiple formats available
- RoHS Compliant
- Outdoor durability for this label is unmatched by other labels in its class.

## DESCRIPTION

TE Connectivity introduces label solutions for Solar Panel Installation per the National Electric Code (NEC) specification. Labels are manufactured using ultraviolet (UV) resistant ink, permanent acrylic adhesive and base material designed to withstand environmental elements. A laminate is added to provide additional protection against prolonged UV exposure.

## APPLICATIONS

### Renewable Energy:

- Solar : DC Switches, Combiner Boxes
- Wind : DC Switches

## TEMPERATURE RATINGS

### Service Temperature:

- -51°C to 93.3°C (-60°F to 200°F)

## STANDARDS AND SPECIFICATIONS

**ASTM D 3652** : Physical Construction

**ASTM D 3330** : Adhesion

**ASTM D 2979** : Adhesion

**ASTM D 1000** : Flammability

**ASTM D 3759** : Tensile Strength and Elongation

**MIL-STD 202G** : Method 215

**ASTM D 3424** : Method 4, UV Light exposure

**ASTM G85** : Annex 5, Salt Spray - Prohesion

**ASTM 81531** : Print Adherence

UL PGDQ2 MH17001

UL PGJ12 MH17292

## MATERIALS

- High performance vinyl base material
- UV resistant ink
- UV resistant clear lamination

PRODUCT OFFERING

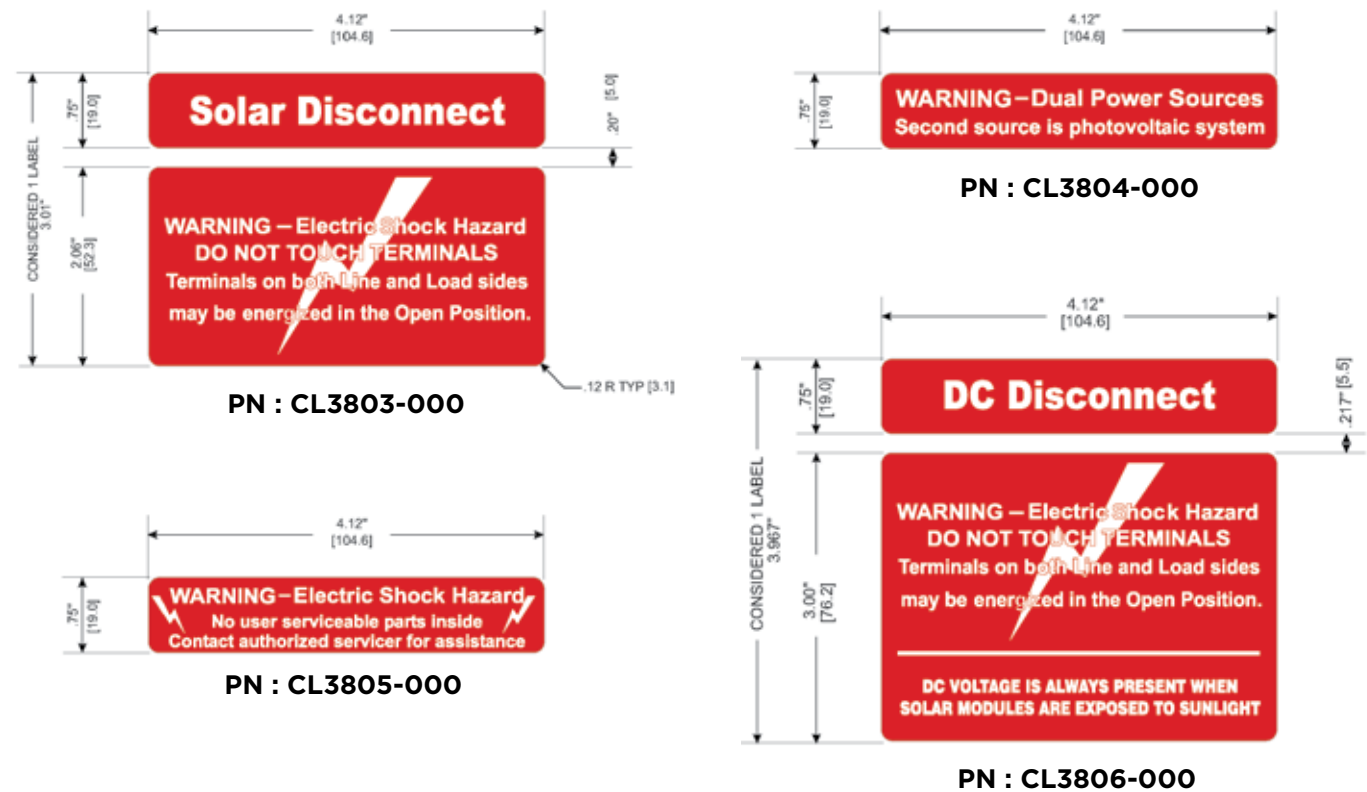
100 Quantity Per Roll

| TE Ordering Description | SAP Part Number | Label Description               |
|-------------------------|-----------------|---------------------------------|
| SOL-SD-104076-4-0.1     | CN4616-000      | Solar Disconnect                |
| SOL-DCD-104100-4-0.1    | CN4619-000      | DC Disconnect                   |
| SOL-DPS-104019-4-0.1    | CN4618-000      | Warning - Dual Power Sources    |
| SOL-EHS-104019-4-0.1    | CN4617-000      | Warning - Electric Shock Hazard |

500 Quantity Per Roll

| TE Ordering Description | SAP Part Number | Label Description               |
|-------------------------|-----------------|---------------------------------|
| SOL-SD-104076-4-0.5     | CL3803-000      | Solar Disconnect                |
| SOL-DCD-104100-4-0.5    | CL3806-000      | DC Disconnect                   |
| SOL-DPS-104019-4-0.5    | CL3804-000      | Warning - Dual Power Sources    |
| SOL-EHS-104019-4-0.5    | CL3805-000      | Warning - Electric Shock Hazard |

PRODUCT DIMENSIONS



## PRODUCT OFFERING

## 100 Quantity Per Roll

| TE Ordering Description | SAP Part Number | Label Description               |
|-------------------------|-----------------|---------------------------------|
| SOL-SRS-127508N-1-4     | CR0780-000      | System Inverter Rating          |
| SOL-CP-127508N-1-X      | CR0781-000      | Laminate for above label        |
| SOL-SRS-127698N-1-4     | CR0782-000      | System Charge Controller Rating |
| SOL-CP-127698N-1-X      | CR0783-000      | Laminate for above label        |
| SOL-SRS-812120N-1-4     | CR0784-000      | Generic System Rating           |
| SOL-CP-812120N-1-X      | CR0785-000      | Laminate for above label        |

## 500 Quantity Per Roll

| TE Ordering Description | SAP Part Number | Label Description               |
|-------------------------|-----------------|---------------------------------|
| SOL-SRS-127508N-.5-4    | CR0786-000      | System Inverter Rating          |
| SOL-CP-127508N-.5-X     | CR0787-000      | Laminate for above label        |
| SOL-SRS-127698N-.5-4    | CR0788-000      | System Charge Controller Rating |
| SOL-CP-127698N-.5-X     | CR0789-000      | Laminate for above label        |
| SOL-SRS-812120N-.5-4    | CR0791-000      | Generic System Rating           |
| SOL-CP-812120N-.5-X     | CR0792-000      | Laminate for above label        |

NOTE : Solar labels SOL-SRS127508 and SOL-SRS127698 will be oriented on the roll so that they will be compatible with the thermal transfer printers. 1330-0607 is the recommended ribbon.

## PRODUCT DIMENSIONS

**SOL-SRS-127508N-1-4**  
**5.00"W X 2.00"H**

|                              |                      |   |
|------------------------------|----------------------|---|
| RATED OPERATING CURRENT:     | <input type="text"/> | A |
| RATED OPERATING VOLTAGE:     | <input type="text"/> | V |
| MAXIMUM SYSTEM VOLTAGE:      | <input type="text"/> | V |
| RATED SHORT-CIRCUIT CURRENT: | <input type="text"/> | A |

**SOL-SRS-127698N-1-4**  
**5.00"W X 2.75"H**

|                                 |                      |   |
|---------------------------------|----------------------|---|
| RATED OPERATING CURRENT:        | <input type="text"/> | A |
| RATED OPERATING VOLTAGE:        | <input type="text"/> | V |
| MAXIMUM SYSTEM VOLTAGE:         | <input type="text"/> | V |
| RATED SHORT-CIRCUIT CURRENT:    | <input type="text"/> | A |
| POLARITY OF GROUNDED CONDUCTOR: | <input type="text"/> |   |
| MAXIMUM VOLTAGE:                | <input type="text"/> | V |

**SOL-SRS-812120N-1-4**  
**3.20"W X 4.72"H**

|                           |                      |
|---------------------------|----------------------|
| Peak Power:               | <input type="text"/> |
| Max Power Voltage:        | <input type="text"/> |
| Max Power Current:        | <input type="text"/> |
| Max Open Circuit Voltage: | <input type="text"/> |
| Short Circuit Current:    | <input type="text"/> |





## KEY FEATURES

- Reflectivity even in poor visibility and bad weather conditions.
- Its special impact and scratch resistant surface and flexibility make it suitable for identification in darkened areas, i.e, conduit raceways, enclosures, etc.
- Complies with international specifications for reflective materials including ASTM D4956.
- White reflective lettering jumps out from the red ink when hit with a light source like a flashlight.
- 7 – 10 year outdoor durability (longer for indoor or protected from weather).
- Highly flexible for uneven surfaces, painted, smooth metal or textured metal surfaces.
- Reflective properties are built in, not a 'charge time' film.
- Resistant to most oils and greases.

## DESCRIPTION

Reflective solar labels are manufactured using retro reflective marking to provide emergency responders with appropriate warning and guidance relative to isolating the solar electric system. The label(s) were designed to be in accordance with the dimensional, functional and verbiage requirements established by the California Fire Marshall's April 2009, Solar Photovoltaic Installation Guideline.

## APPLICATIONS

Use at the Main Service Disconnect, and DC conduit, raceways, enclosures, cable assemblies and junction boxes on solar photovoltaic installations.

## MATERIALS

**CAUTION SOLAR CIRCUIT** : Permanent solvent based adhesive  
5 mil retro-reflective cast PVC film  
UV resistant over lam when applicable

## STANDARDS AND SPECIFICATIONS

**ASTM D 3652** : Physical Construction  
**ASTM D 3330** : Adhesion  
**ASTM D 2979** : Adhesion  
**ASTM D 1000** : Flammability  
**ASTM D 3759** : Tensile Strength and Elongation  
**MIL-STD 202G** : Method 215  
**ASTM D 3424** : Method 4, UV Light exposure  
**ASTM G85** : Annex 5, Salt Spray - Prohesion  
**ASTM 81531** : Print Adherence  
**ASTM D4956** : Standard Specification for Retroreflective Sheeting for Traffic Control

## PRODUCT OFFERING

### Packs of 50 (10 labels/sheet, 5 sheets/pack)

| TE Ordering Description | SAP Part Number | Dimensions                     | Label Description               |
|-------------------------|-----------------|--------------------------------|---------------------------------|
| SOL-SEC-305254-4-0.1    | CN6557-000      | 1 x 12"<br>(25.4 x 304.8")     | CAUTION SOLAR ELECTRICAL SYSTEM |
| SOL-CSC-159254-4-0.1    | CN4615-000      | 1 x 6.25"<br>(25.4 x 158.75mm) | CAUTION SOLAR CIRCUIT           |

## FOR MORE INFORMATION

[te.com/products/solarlabels](http://te.com/products/solarlabels)

### TE Technical Support Center

|                   |                       |
|-------------------|-----------------------|
| USA:              | +1 (800) 522-6752     |
| Canada:           | +1 (905) 475-6222     |
| Mexico            | +52 (0) 55-1106-0800  |
| Latin/S. America: | +54 (0) 11-4733-2200  |
| Germany:          | +49 (0) 6251-133-1999 |
| UK:               | +44 (0) 800-267666    |
| France:           | +33 (0) 1-3420-8686   |
| Netherlands:      | +31 (0) 73-6246-999   |
| China:            | +86 (0) 400-820-6015  |

Part numbers in this brochure are RoHS Compliant\*, unless marked otherwise.

\*as defined [www.te.com/leadfree](http://www.te.com/leadfree)

### te.com

© 2011 Tyco Electronics Corporation, a TE Connectivity Ltd. company. All Rights Reserved.

1-1773449-6 CIS 3M FP 03/2011

TE Connectivity, TE connectivity (logo) and TE (logo) are trademarks.

Other logos, product and/or company names might be trademarks of their respective owners.

While TE has made every reasonable effort to ensure the accuracy of the information in this brochure, TE does not guarantee that it is error-free, nor does TE make any other representation, warranty or guarantee that the information is accurate, correct, reliable or current. TE reserves the right to make any adjustments to the information contained herein at any time without notice. TE expressly disclaims all implied warranties regarding the information contained herein, including, but not limited to, any implied warranties of merchantability or fitness for a particular purpose. The dimensions in this catalog are for reference purposes only and are subject to change without notice. Specifications are subject to change without notice. Consult TE for the latest dimensions and design specifications.



Компания «Океан Электроники» предлагает заключение долгосрочных отношений при поставках импортных электронных компонентов на взаимовыгодных условиях!

Наши преимущества:

- Поставка оригинальных импортных электронных компонентов напрямую с производств Америки, Европы и Азии, а так же с крупнейших складов мира;
- Широкая линейка поставок активных и пассивных импортных электронных компонентов (более 30 млн. наименований);
- Поставка сложных, дефицитных, либо снятых с производства позиций;
- Оперативные сроки поставки под заказ (от 5 рабочих дней);
- Экспресс доставка в любую точку России;
- Помощь Конструкторского Отдела и консультации квалифицированных инженеров;
- Техническая поддержка проекта, помощь в подборе аналогов, поставка прототипов;
- Поставка электронных компонентов под контролем ВП;
- Система менеджмента качества сертифицирована по Международному стандарту ISO 9001;
- При необходимости вся продукция военного и аэрокосмического назначения проходит испытания и сертификацию в лаборатории (по согласованию с заказчиком);
- Поставка специализированных компонентов военного и аэрокосмического уровня качества (Xilinx, Altera, Analog Devices, Intersil, Interpoint, Microsemi, Actel, Aeroflex, Peregrine, VPT, Syfer, Eurofarad, Texas Instruments, MS Kennedy, Miteq, Cobham, E2V, MA-COM, Hittite, Mini-Circuits, General Dynamics и др.);

Компания «Океан Электроники» является официальным дистрибьютором и эксклюзивным представителем в России одного из крупнейших производителей разъемов военного и аэрокосмического назначения «JONHON», а так же официальным дистрибьютором и эксклюзивным представителем в России производителя высокотехнологичных и надежных решений для передачи СВЧ сигналов «FORSTAR».



## JONHON

«JONHON» (основан в 1970 г.)

Разъемы специального, военного и аэрокосмического назначения:

(Применяются в военной, авиационной, аэрокосмической, морской, железнодорожной, горно- и нефтедобывающей отраслях промышленности)

«FORSTAR» (основан в 1998 г.)

ВЧ соединители, коаксиальные кабели,  
кабельные сборки и микроволновые компоненты:

(Применяются в телекоммуникациях гражданского и специального назначения, в средствах связи, РЛС, а так же военной, авиационной и аэрокосмической отраслях промышленности).



Телефон: 8 (812) 309-75-97 (многоканальный)

Факс: 8 (812) 320-03-32

Электронная почта: [ocean@oceanchips.ru](mailto:ocean@oceanchips.ru)

Web: <http://oceanchips.ru/>

Адрес: 198099, г. Санкт-Петербург, ул. Калинина, д. 2, корп. 4, лит. А