



## Introducing SOLARLOK Compact Medium Junction Box : 4 Rail

The 4 Rail SOLARLOK Compact Medium Junction Box was created using overmolded technology. The Compact Medium Junction Box is specially designed for soldering and potting the foil leads. It has isolated openings for easy soldering to the correct contact rails. The junction box is designed to fit on low profile frames. The junction box height is only 13 mm. Due to the segmented foil solder positions and the low product profile, up to 50% less potting material is required, compared to existing solutions.

# SOLARLOK Compact Medium Junction Box : 4 Rail



## KEY FEATURES

- Low profile, only 13 mm in height
- Isolated foil contact rails
- Solder & potting technique

## 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

[te.com/solar](http://te.com/solar)

© 2011 Tyco Electronics Corporation,  
a TE Connectivity Ltd. company. All Rights Reserved.  
9-1773457-3 CIS FP 3M 04/2011

SOLARLOK, TE Connectivity, TE connectivity (logo) and TE (logo) are trademarks. Other logos, product and/or company names might be trademarks of their respective owners.

## APPLICATIONS

- For terminating the foil leads on crystalline PV panels

## ELECTRICAL

- IEC 61215 ed.2 approved (VDE 0126-5)
- Isc up to 8A (14A on request)

## MECHANICAL

- Overmolded with 2 x 1 meter cables, 4 mm wire size
- Terminated using standard SOLARLOK connectors at the end of the wire leads
- Overall junction box size : 72 x 90 x 13 mm
- Operating temperature : -40° to +85°C

## MATERIALS

PA66

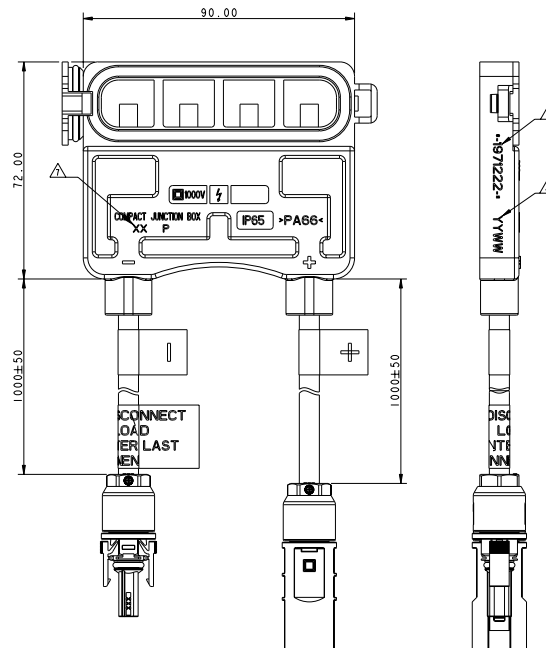
## SPECIFICATIONS

Application specification # 114-106003

## PRODUCT OFFERING

Part number : **1971222-5** - Potting & welding type

## PRODUCT DIMENSION



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.