

Datasheet for 76650-0033

General Information

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|---------------------------|---|
| Part Number: | 76650-0033 |
| Manufacturer: | Molex / Waldom |
| Title: | Perma-Seal All Weather Solderless Terminal Kit |
| Description: | Sealed Spade and Heat Shrink Tubing with Universal Crimp Tool |
| Product Family: | Perma-Seal™ and Perma-Fit™ |
| Certificates: | (Molex Parts within this kit) - EU RoHS Compliant, UL |
| Country of Origin: | Kit assembled in U.S.A. |

Specifications

Design

Configuration: Wire-to-Board / Solderless Terminals

(Stud) Size: # 6, # 8 and # 10

Terminal

Insulation: NiAc™ (Perma-Seal™)

Wire size: (22-18), (16-14) and (12-10) AWG

(Tubing) Size (in): 3/16 and 1/4

Material Type: Polyolefin

Product Highlights

Perma-Seal terminals provide a rugged, environmentally sealed connection that will insulate, seal and protect joints from physical abuse and abrasion, water, salt and other corrosive compounds. The NiAc insulation material shrinks up to 40% faster than comparable nylon products.

Perma-Fit heat shrink tubing is high quality with a wide variety of uses. Thin-wall tubing made of polyolefin has excellent physical, chemical and electrical properties that meet both industrial and military requirements for general purpose tubing. Heat shrink tubing from Molex is ideal for protecting, identifying and insulating electrical components and cables or wires.

Features and Benefits

- NiAc insulation (Perma-Seal) material shrinks up to 40% faster
- Polyolefin material is flame retardant and has excellent physical, chemical and electrical properties
- Meets industrial and military requirements for highly reliable, general purpose tubing
- Inner seal repels moisture incursion, even during pressure cycling

Applications

- MRO (Maintenance Repair and Operations)
- General and Electrical Contractors
- Appliance Industry
- Non-Automotive Transportation Industry
- Construction and Mining
- Automotive (General), Marine
- Energy and Power
- Environmental Equipment and Controls
- Transportation Equipment

For additional Molex / Waldom Design and Solution kits please go to www.molexkits.com

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Bill of Materials for Part No. 76650-0033

| Molex Part No. | Country of Origin | Description | Quantity in Kit |
|-----------------------|--------------------------|---|------------------------|
| 19164-0006 | USA | #6 Perma-Seal Solderless Spade Terminal, 22-18 AWG | 10 |
| 19164-0007 | USA | #8 Perma-Seal Solderless Spade Terminal, 22-18 AWG | 10 |
| 19164-0008 | USA | #10 Perma-Seal Solderless Spade Terminal, 22-18 AWG | 10 |
| 19164-0028 | USA | #6 Perma-Seal Solderless Spade Terminal, 16-14 AWG | 10 |
| 19164-0029 | USA | #8 Perma-Seal Solderless Spade Terminal, 16-14 AWG | 10 |
| 19164-0030 | USA | #10 Perma-Seal Solderless Spade Terminal, 16-14 AWG | 10 |
| 19164-0069 | USA | #6 Perma-Seal Solderless Spade Terminal, 12-10 AWG | 10 |
| 19164-0070 | USA | #8 Perma-Seal Solderless Spade Terminal, 12-10 AWG | 10 |
| 19164-0072 | USA | #10 Perma-Seal Solderless Spade Terminal, 12-10 AWG | 5 |
| 19164-0073 | USA | 1/4" Perma-Seal Solderless Spade Terminal, 12-10 AWG | 5 |
| 19267-0143-E | Canada | Single Wall Heat Shrink Tubing, 3/16" Dia., Red, 2:1 Ratio | 2 |
| 19267-0171-E | Canada | Single Wall Heat Shrink Tubing, 1/4" Dia., Black, 2:1 Ratio | 2 |
| CT-4071-1R^ | Taiwan | Universal Hand Crimping Tool, Bolt Cutter, Wire Stripper | 1 |

^ =Tool Provided by Waldom

Recommended Molex Tool(s) for Part No. 76650-0033*

| Molex Part No. | Country of Origin | Description |
|-----------------------|--------------------------|------------------------------|
| 64001-7400 * | Germany | Hand Crimp Tool, UL Approved |

*Tool(s) not included in kit. Tool(s) ordered separately.

Данный компонент на территории Российской Федерации

Вы можете приобрести в компании MosChip.

Для оперативного оформления запроса Вам необходимо перейти по данной ссылке:

<http://moschip.ru/get-element>

Вы можете разместить у нас заказ для любого Вашего проекта, будь то серийное производство или разработка единичного прибора.

В нашем ассортименте представлены ведущие мировые производители активных и пассивных электронных компонентов.

Нашей специализацией является поставка электронной компонентной базы двойного назначения, продукции таких производителей как XILINX, Intel (ex.ALTERA), Vicor, Microchip, Texas Instruments, Analog Devices, Mini-Circuits, Amphenol, Glenair.

Сотрудничество с глобальными дистрибьюторами электронных компонентов, предоставляет возможность заказывать и получать с международных складов практически любой перечень компонентов в оптимальные для Вас сроки.

На всех этапах разработки и производства наши партнеры могут получить квалифицированную поддержку опытных инженеров.

Система менеджмента качества компании отвечает требованиям в соответствии с ГОСТ Р ИСО 9001, ГОСТ РВ 0015-002 и ЭС РД 009

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