

Datasheet for 76650-0033

General Information

Kit Part Number:	76650-0033
Connector Type:	Solderless Terminals
Solution:	Sealed Connectors
Molex Family:	Perma-Seal™
Certificates:	N/A
Country of Origin:	Kit assembled in U.S.A

Specifications

Insulation:	NiAc (Perma-Seal™,ø)
Mounting Style:	Non-Mounted
Orientation:	Solderless Terminals
Pitch:	N/A
Product/Type:	Heat Shrink Tubing, Sealed Spades
Stud/Tab Size:	# 6, # 8, #10
Tool Included:	Yes
Wire Gauge (AWG):	12-10, 16-14 , 22-18

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

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Bill of Materials

Molex Part No.	Description	Quantity
19267-0171	PF Style Polyolefin Thin-wall Shrink Tubing, 1/4" Black 2:1	2
19164-0006	#6 Perma-Seal™ Solderless Spade Terminal, 22-18 AWG	10
19164-0007	#8 Perma-Seal™ Solderless Spade Terminal, 22-18 AWG	10
19164-0008	#10 Perma-Seal™ Solderless Spade Terminal, 22-18 AWG	10
19164-0028	#6 Perma-Seal™ Solderless Spade Terminal, 16-14 AWG	10
CT-4071-1R	Universal Hand Crimping Tool, 22-10 AWG	1
19164-0029	#8 Perma-Seal™ Solderless Spade Terminal, 16-14 AWG	10
19164-0030	#10 Perma-Seal™ Solderless Spade Terminal, 16-14 AWG	10
19164-0069	#6 Perma-Seal™ Solderless Spade Terminal, 12-10 AWG	10
19164-0070	#8 Perma-Seal™ Solderless Spade Terminal, 12-10 AWG	10
19164-0072	#10 Perma-Seal™ Solderless Spade Terminal, 12-10 AWG	5
19164-0073	1/4" Perma-Seal™ Solderless Spade Terminal, 12-10 AWG	5
19267-0143	PF Style Polyolefin Thin-wall Shrink Tubing, 3/16" Red 2:1	2

Recommended Molex Tool

Molex Part No.	Description
CT-4071-1R (included in kit)	No Additional Information
64001-7400 (not included in kit)	Click for more info