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Datasheet for 76650-0142

General Information	
Kit Part Number:	76650-0142
Connector Type:	Industrial
Solution:	Sealed Connectors
Molex Family:	USB
Certificates:	N/A
Country of Origin:	Kit assembled in U.S.A

Specifications	
Current Rating:	1A
Mounting Style:	PCB Through Hole
Orientation:	Cables, Plugs, Vertical Receptacles
Pitch:	N/A
Tool Included:	No
Voltage Rating:	30V

Product Hightlights

Industrial USB (Universal Serial Bus) connectors bring one of the most popular and convenient I/O connectors into harsh commercial and industrial environments. USB connectors are ideal for both short-term diagnostics (that require simple and fast setup), without having to turn off computers or equipment, and permanent installations for data acquisition systems. The rugged, plug and receptacle designs feature bayonet style latches, encapsulated PCB receptacles and over molded cable assemblies to help keep out dust, debris and water.

Features and Benefits
• IP67 Rating ensures cordsets are water and dust tight for functional integrity
• Fully shielded cable provides Electro Magnetic Interference/Radio Frequency Interference (EMI/RFI) protection
• Over molded cordsets, allow faster installation at customer site versus fieldwireable designs
• Bayonet-style latch receptacle provides quick and easy connection and ensures proper insertion depth with mating
• Ease-of-use

Applications
• Factory Automation
• Industrial Computers and Controllers
• Factory Peripherals
• Printers
• Barcode Scanners
• Robotics
• Vision Systems
• Motion and Process Controls
• Test and Measurement Equipment
• Medical Devices
• Factory Networking Installations
• Production Equipment • Military

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Bill of Materials

Molex Part No.	Description	Quantity
84727-1005	0.15m (5.91") 5C Pigtailed, USB Type A, Plug, Shielded	1
84728-1005	0.15m (5.91") 5C Pigtailed, USB Type B, Plug, Shielded	1
84729-0001	0.152m (6.00") 28 AWG 5C Pigtailed, USB Type A, Panel Mount Receptacle	1
84729-0004	0.80m (2.62') USB Type A, Panel Mount, Receptacle to Plug, Cordset	1
84729-0009	USB Type A, Panel Mount PCB, Receptacle	1
84730-0001	USB Type B Panel Mount PCB Receptacle	1
84732-0001	0.80m (2.62') Dual USB Type A to Type B Plug Coupler Cordset	1

Recommended Molex Tool

Molex Part No.	Descripition