

Datasheet for 76650-0157

General Information

Kit Part Number:	76650-0157
Connector Type:	Wire-to-Wire
Solution:	Power Connectors
Molex Family:	MLX™
Certificates:	N/A
Country of Origin:	Kit assembled in U.S.A

Specifications

Circuit Size:	2, 3, 4, 6, 9
Current Rating:	11A, 13.5A
Mounting Style:	Panel Mount
Orientation:	Plugs, Receptacles
Pitch:	6.35mm (.250")
Tool Included:	No
Voltage Rating:	600V
Wire Gauge (AWG):	20-14

Product Highlights

The MLX™ Series is an industry compatible line of 2.13mm (.084") diameter plug and cap power connections. The MLX™ Series is interchangeable, intermateable and intermountable with industry standard products. This allows for greater flexibility in mating with existing wire harnesses, connectors or PCB headers. The housings are designed for both male and female Molex® terminals, and industry compatible terminals. Molex® has provided circuit identification grooves for circuits 2 and 3 along with the industry standard identification rib for circuit 1.

Features and Benefits

- Housings: both male or female terminals
- Positive locks
- Fully isolated contacts
- Systems are intermateable, intermountable, and interchangeable with industry standard versions
- Cross compatible tested to assure industry compatibility
- Circuit ID grooves to reduce assembly errors

Applications

- Vending and Gaming
- White Goods
- Construction
- Mining
- Material Handling
- Energy and Power
- Environmental Equipment and Controls
- Production Equipment
- Non-Automotive Transportation: Recreational vehicles, Travel trailers, Boats

Bill of Materials

Molex Part No.	Description	Quantity
02-08-1002	2.10mm (.0825") Female Crimp Socket Terminal, 20-14 AWG	100
02-08-2004	MLX™ Male Pin Contact, 20-14 AWG	100
50-84-1020	6.35mm (.250") Pitch MLX™ Pin and Socket Plug, 2 Circuits	10
50-84-1030	6.35mm (.250") Pitch MLX™ Pin and Socket Plug, 3 Circuits	6
50-84-1040	6.35mm (.250") Pitch MLX™ Pin and Socket Plug, 4 Circuits	7
50-84-1060	6.35mm (.250") Pitch MLX™ Pin and Socket Plug, 6 Circuits	5
50-84-1090	6.35mm (.250") Pitch MLX™ Pin and Socket Plug, 9 Circuits	4
50-84-2020	6.35mm (.250") Pitch MLX™ Pin and Socket Receptacle, Panel Mount, 2 Circuits	10
50-84-2030	6.35mm (.250") Pitch MLX™ Pin and Socket Receptacle, Panel Mount, 3 Circuits	6
50-84-2040	6.35mm (.250") Pitch MLX™ Pin and Socket Receptacle, Panel Mount, 4 Circuits	7
50-84-2060	6.35mm (.250") Pitch MLX™ Pin and Socket Receptacle, Panel Mount, 6 Circuits	5
50-84-2090	6.35mm (.250") Pitch MLX™ Pin and Socket Receptacle, Panel Mount, 9 Circuits	4

Recommended Molex Tool

Molex Part No.	Description
63811-6800 (not included in kit)	Click for more info
11-01-0168 (not included in kit)	Click for more info