STANDARD .062"+ SINGLE ROW AND DUAL ROW WIRE TO WIRE CONNECTOR SYSTEM

1.0 SCOPE

This specification covers the application of the Standard .062" wire to wire connector system.

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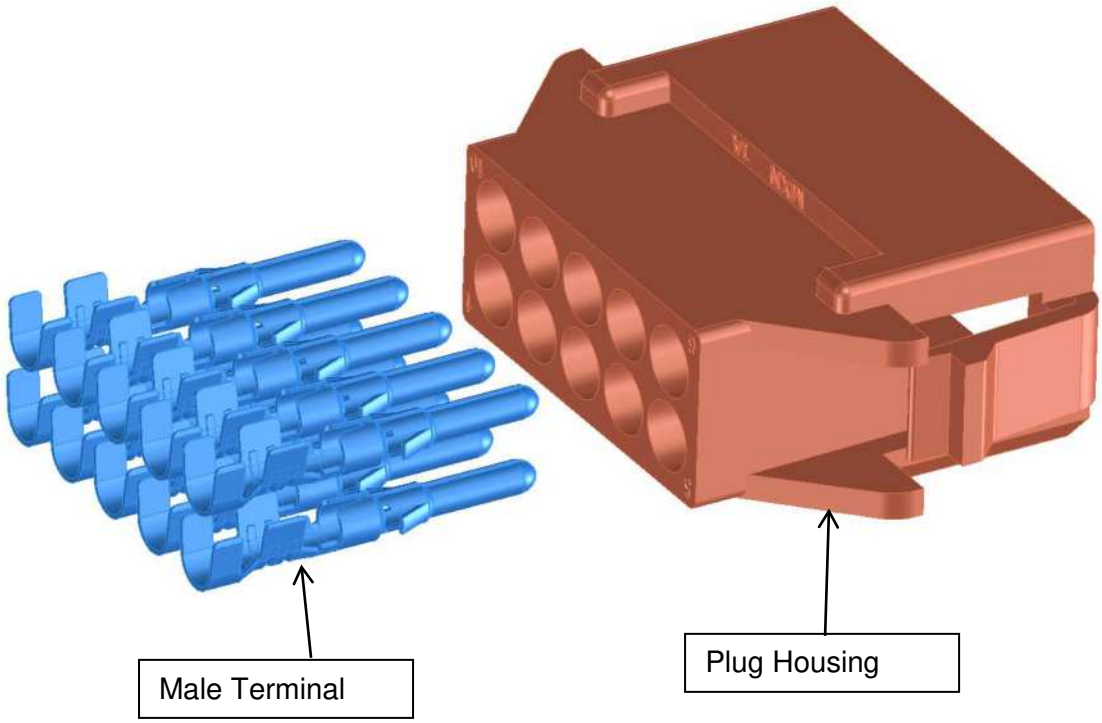
SECTION 1: PRODUCT INTRODUCTION

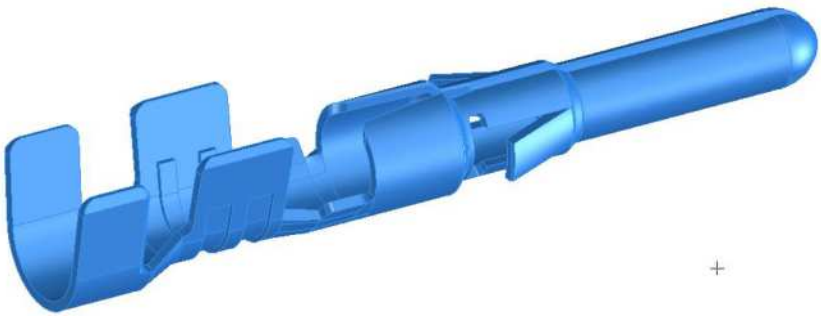
Product Description	Series number
Plug housings single row	150176
Plug housing Dual row	150177
Receptacle housings single row	150178
Receptacle housings Dual row	150179
Male Terminal	150180
Female terminal	150181

SECTION 2:

PRODUCT SUMMARY.

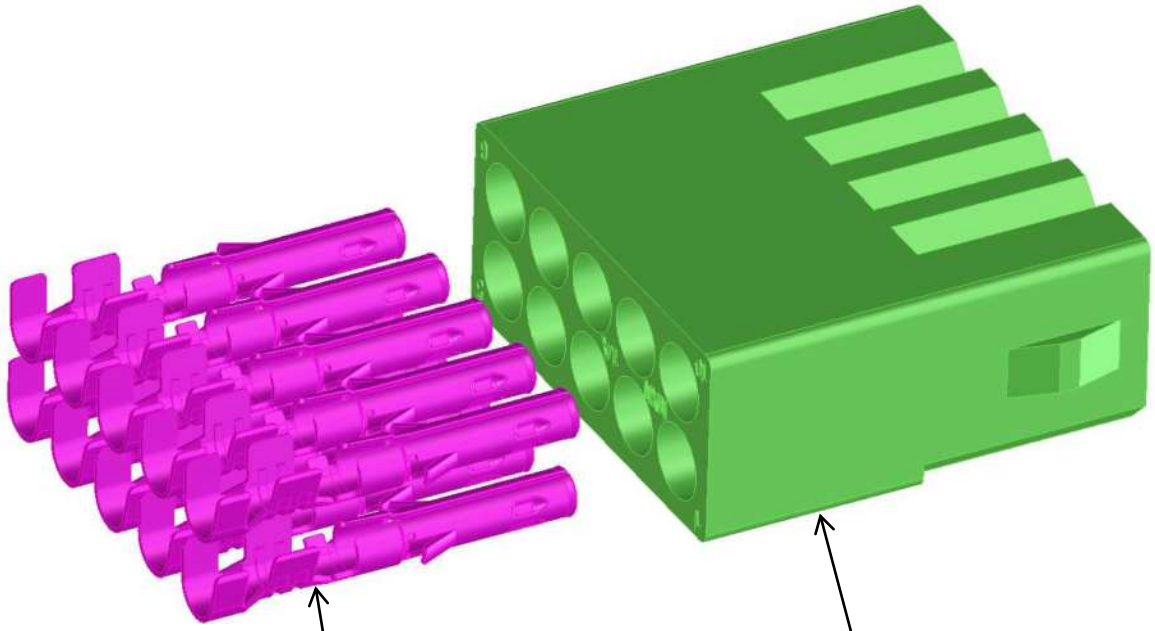
1. Plug Assembly details.





Enlarged view of Male terminal for plug housing.

2. Receptacle Assembly details





Female terminal for Receptacle housings

SECTION 3:
Terminal Insertion to Plug and Receptacle housings.

1. Hold the Plug in left hand and Terminal in Right hand, as shown in fig.1.

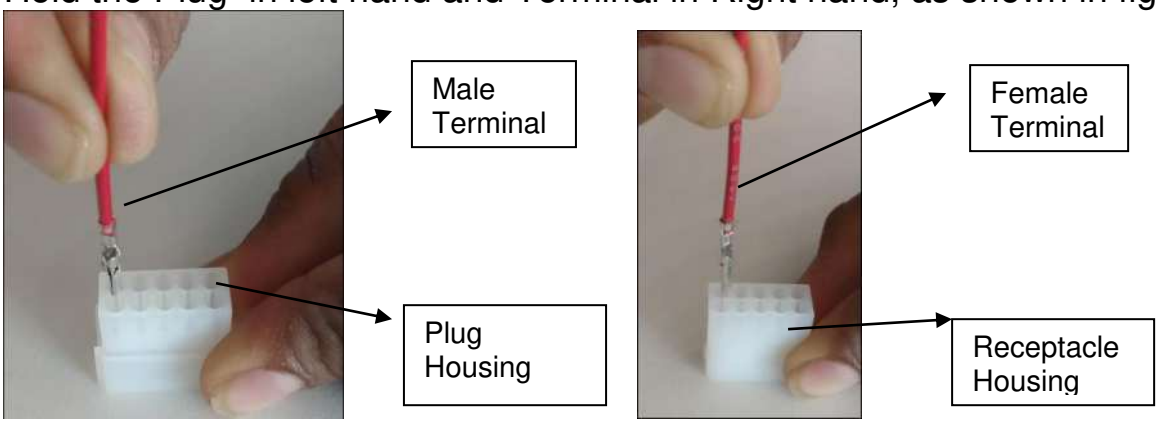


Fig.1

2. Hold the terminal vertical and Insert or push it gently in to the housig as shown in fig.2

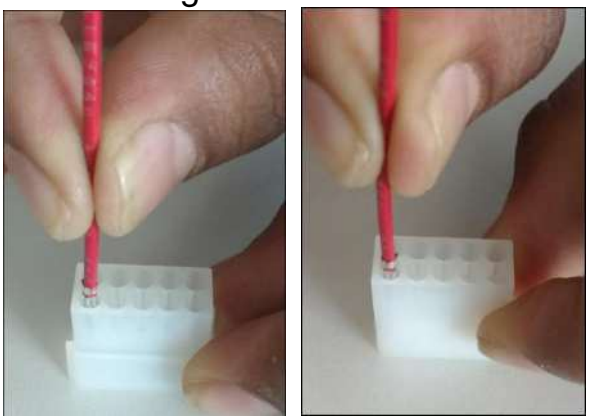


Fig.2

3. To ensure the terminal seating in housing Pull terminal back gently in the housing as shown in Fig.3.

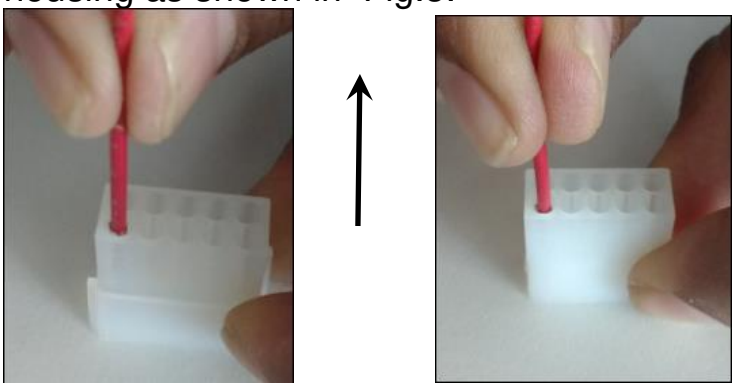


Fig. 3

4. Insert terminals on all rows and complete the insertion for all circuits as shown in fig 4.





Fig.4

5. Reverse the assembled housing and carry out the visual inspection for Terminal position and seating as shown in Fig. 5.





Fig.5

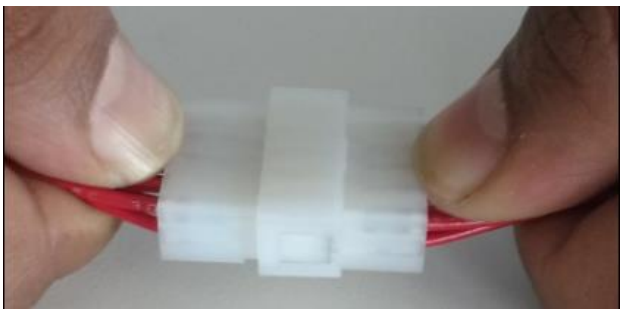
Section 4:
Standard .062”+ Connector Assembly

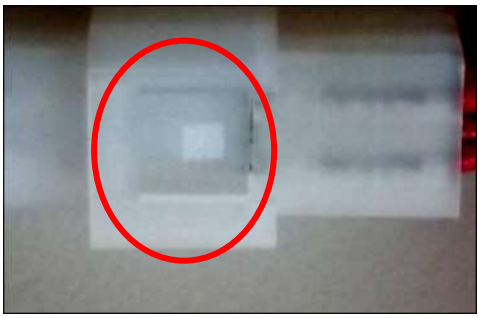
1. Hold the plug connector assembly and receptacle connector assembly as shown in below figures. Align connector polarity features in a same Axis and begin mating process along the same axis.






2. Press the receptacle housing in to the Plug housing until locks as shown in fig.11 and 12.


Fig.11


Fig.12

Section 5:
Plug Panel Mounting Instructions

1. Make the panel cut out as per the sales drawing.

2. Hold the Plug assy and assemble in to the Panel, Refer the below fig.14 and Fig.14a

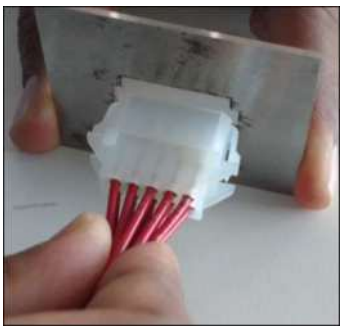


Fig-14

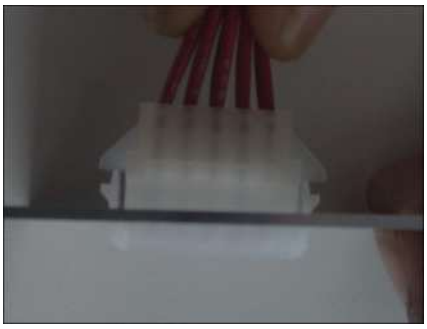


Fig14a

3. Make sure plug assembly is latched with panel refer the below fig.15 and Fig.15a and assemble the Receptacle housing.

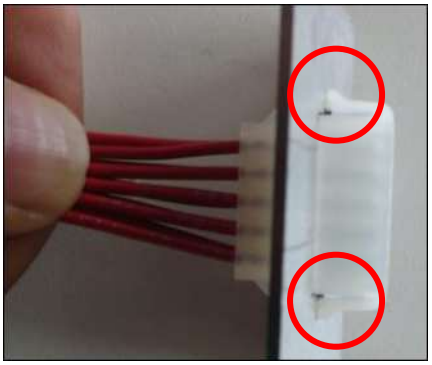


Fig-15

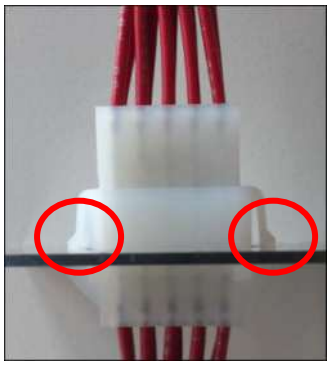
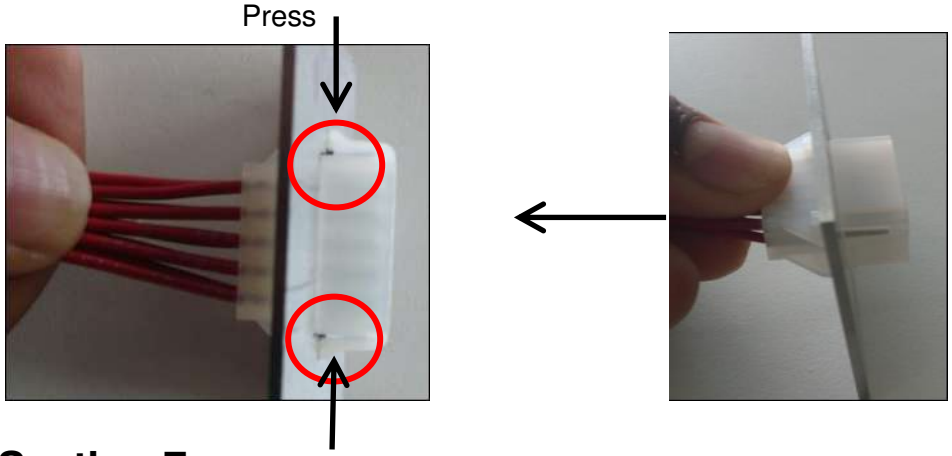


Fig15a

Section 6:
Panel mount Plug removal.

1. Press the both side latch and hold plug and gently pull it from the Panel refer the below figure.



Section 7:
Connector un-mating instructions

1. Hold the Plug and receptacle assembly to disengage and pull the assembly as Shown in Fig.16 and Fig.16a.

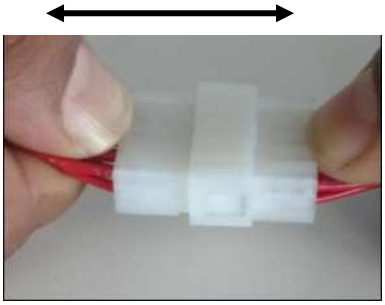


Fig.16

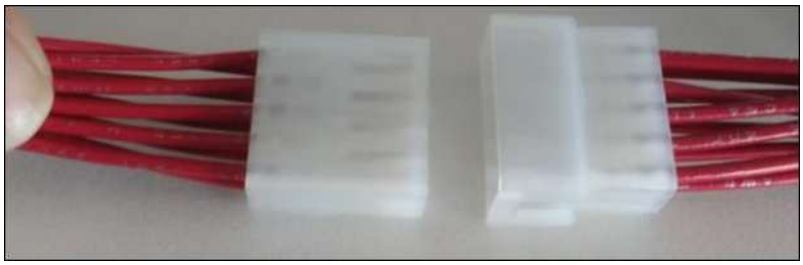


Fig.16a

Section 8:

General application notes

Appearance:
Parts conform to class "B" requirements of cosmetic specification PS-45499-002