



General Information

Kit Part Number:	2110850-1
Description:	2.5mm Signal Double Lock Wire-to-Board Connector Kit
Application:	Appliance Industries, Business Equipment, Fan Modules, Gaming Industries, Garage Door Openers, HVAC Systems, Industrial Controls, Security, Vending
Family:	2.5 mm Signal Double Lock
TE Brand:	AMP Products
Solution:	Off the Board
Product Type:	Wire-to-Board Connectors
Number of Pieces:	92
RoHS:	Yes

Specifications

Circuit Size(s):	2, 3, 4, 6
Color:	White
Crimp Terminal:	Female
Current Rating:	2.5A
Flammability Rating:	UL94V-0
Mounting Style:	PCB Through Hole
Orientation:	Vertical Headers, Plugs
Pitch:	2.50mm (.098")
Rows:	Single Row
Tool Included:	No
Voltage Rating:	250V
Wire Gauge (AWG):	22-20

Product Highlights

2.5 mm Signal Double Lock Connectors (2.5 SDL) are 2.5 mm centerline, compact, one-row connectors for signal circuits. The connectors consist of plug and cap housings for wire termination, double lock plates for plug and cap housings, crimp snap-in contacts, and a PC boardmount post header. A double lock plate is available for both plug and wire-to-wire cap housing to provide for positive loading. It helps prevent contacts from coming off or mating halfway. The plate is contained within the plug and cap housing completely. The plug and cap housing can be used without a double lock plate.

Features and Benefits

- Locking structure is innerlock type and has a clean surface
- Solder tail section of post header is provided with kinks to retain the header firmly on PC board during soldering
- Mounted to plug and cap housings for wire application, double lock plate provides for positive loading of contacts in the housing, it also helps contacts mate completely
- Double lock plate is contained within the plug and cap housing completely, which provides neat overall appearance
- Connector for signal circuits with one row of contacts on 2.5 mm centerline
- Accepts 26-20 AWG wire (e.g. UL 1007, 1061, 1571, etc.) with insulation diameters of up to 1.8 mm

Applications

- Household appliances
- Gaming



- Vending
- Garage door openers
- Security systems
- Industrial controls
- HVAC system controls
- Fan modules
- Business equipment



Bill of Materials

Part No.	Qty In Kit	Description	Datasheet	P/N Details	Search Distributors Inventory
917698-1	5	Double Lock Plate 2 Circuits	Datasheet	Details	Search
917699-1	4	Double Lock Plate 3 Circuits	Datasheet	Details	Search
917700-1	3	Double Lock Plate 4 Circuits	Datasheet	Details	Search
917702-1	2	Double Lock Plate 6 Circuits	Datasheet	Details	Search
917686-1	5	2.5 mm Signal Double Lock Plug 2 Circuits	Datasheet	Details	Search
917687-1	4	2.5 mm Signal Double Lock Plug 3 Circuits	Datasheet	Details	Search
917688-1	3	2.5 mm Signal Double Lock Plug 4 Circuits	Datasheet	Details	Search
917690-1	2	2.5 mm Signal Double Lock Plug 6 Circuits	Datasheet	Details	Search
316400-1	50	2.5 mm Signal Double Lock Female Terminal (for Plug) 22-20 A...	Datasheet	Details	Search
917780-1	5	2.5 mm Signal Double Lock Vertical Header 2 Circuits, Standa...	Datasheet	Details	Search
917781-1	4	2.5 mm Signal Double Lock Vertical Header 3 Circuits, Standa...	Datasheet	Details	Search
917782-1	3	2.5 mm Signal Double Lock Vertical Header 4 Circuits, Standa...	Datasheet	Details	Search
917784-1	2	2.5 mm Signal Double Lock Vertical Header 6 Circuits, Standa...	Datasheet	Details	Search

Recommended Tool

Part No.	Included in Kit
234603-1	No
234605-1	No





