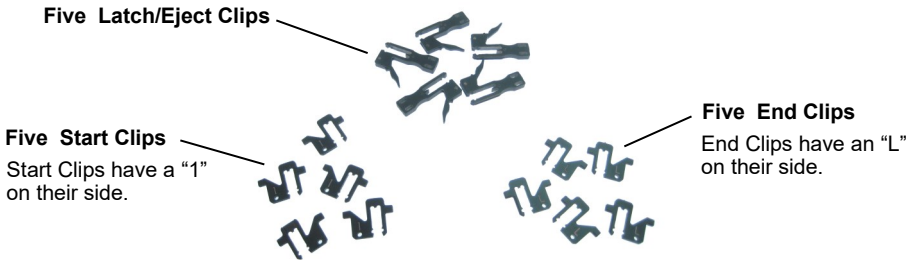


Header Strip Clips (5 sets - Part # EHS-CL)

Clips provide latch, eject, strain relief and alignment. Attach to TE Connectivity MOD IV connectors for use with the Cirris Header Strip.



You should have received:



Before making the connector ends

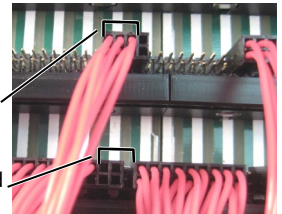
You may want to think about the following issues:

- Consider whether the cable will need to be high voltage capable. If so, choose an adequately rated wire insulation.
- A larger number of wire strands will allow more wire flexing. Solid wire should only be used for mechanically stable applications.
- A lower gauge wire will allow lower fixture resistance. See the resistance table at right.
- Consider making adapter cables using 22 gauge wire with a heavy-wall Teflon (PTFE) insulation that has a MIL-W-16878/5 (Type EE) rating. This wire accommodates most crimped contacts, keeps fixture resistance low, works well at high voltages, and holds up well to repeated flexing.
- Understand the rows of equivalent pins on the Header Strip will allow unused positions of connectors to overlap. Connectors do not need to be the exact size. See the picture at right.

wire gauge	Ω/foot	Ω/M
22	.016	.053
24	.025	.084
26	.040	.134
28	.064	.213

Positions used here,

are not used here.



- If the cable is to be used with the Cirris CR or CH2 test systems, you may want to provide two extra wires for an LED or Smart Light on the fixture connector.

Making cable ends using the clips

1. Use only TE Connectivity non-keyed MOD IV Double Row .1" Housings and contacts. Approved part numbers of commonly stocked connector sizes are shown as follows.

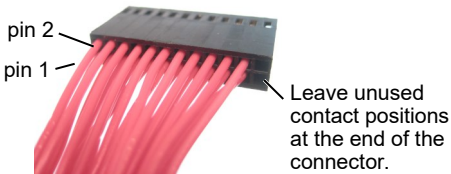
# of positions	part number
8	87456-3
10	87456-5
12	87456-7
14	87456-9
16	1-87456-1
18	1-87456-3
20	1-87456-5

# of positions	part number
24	1-87456-9
26	2-87456-1
30	2-87456-5
34	2-87456-9
40	3-87456-5
50	3-87456-9
60	5-87456-2

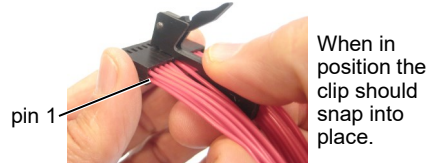
Note: Larger connectors may also be cut down to size. A good practice is to use a connector housing that will have no more than four unused contact positions.

Contacts may be purchased on a reel tape or as discrete parts. Gold 30µin reel p/n:102548-5; Gold 30µin discrete p/n: 102548-6.

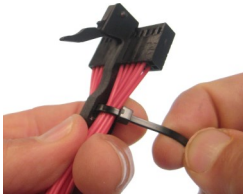
2. Before attaching the clips, insert all contacts into the connector housing.



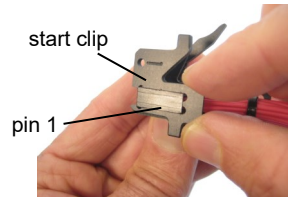
3. Center the latch/eject clip in the wires exiting the connector. Separate the wires and slide the clip into position.



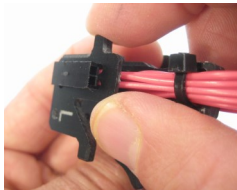
4. Add a tie wrap to secure the wires exiting the connector. Clip off the excess tie wrap.



5. Attach the Start Clip over the pin one position of the connector.



6. Attach the End Clip over the last wire position in the connector.

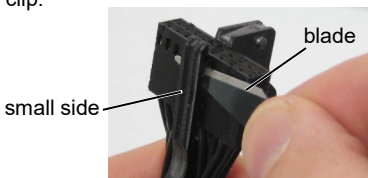


7. To make cable more robust, apply adhesive lined heat shrink over the tie wrap and attach a nylon braid sleeving.



Should you need to remove a clip

1. Insert a blade under the small side of the clip.



2. Pull the large side of the clip out and down.

