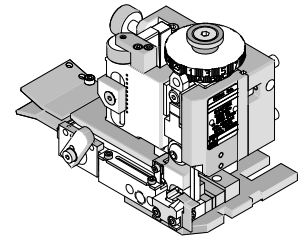


**Mini-Mac
Applicator**



**Application Tooling
Specification Sheet**



Order No. 63891-1000

FEATURES

Directly adapts to most automatic wire processing machines
 Applicator designed to industry standard mounting and shut height 135.80mm (5.346)
 Quick set-up time plus the crimp height, track and feed adjustments can be set without removing the applicator from the press
 Fine adjustment allows users to achieve target with little effort by adjusting in increments of .015mm (.0006) for conductor crimp height and .063mm (.0025) for insulation height
 Independent adjustment rings allow users to quickly adjust the conductor or insulation crimp height without affecting each other.
 Optimum terminal feed/indexing can be obtained with the optional terminal guide assembly, Order No. 63830-0120. See page 6.

SCOPE

Products: Mini-Fit Sr. Male and Female Crimp Terminals, 8 and (2) 12 AWG.

Terminal Series No.	Terminal Order No.		Wire Size		* Insulation Diameter		Strip Length	
			AWG	mm	mm	In.	mm	In.
42815	42815-0030	42815-0032	8	8.50	5.00-6.75	.197-.266	9.00-10.00	.354-.394
	42815-0031		(2) 12	(2) 3.30	3.50-4.00	.138-.157	11.00-12.00	.433-.472
42817	42817-0030	42817-0130	8	8.50	5.00-6.75	.197-.266	9.00-10.00	.354-.394
	42817-0031	42817-0131	(2) 12	(2) 3.30	3.50-4.00	.138-.157	11.00-12.00	.433-.472
	42817-0032	42817-0132						

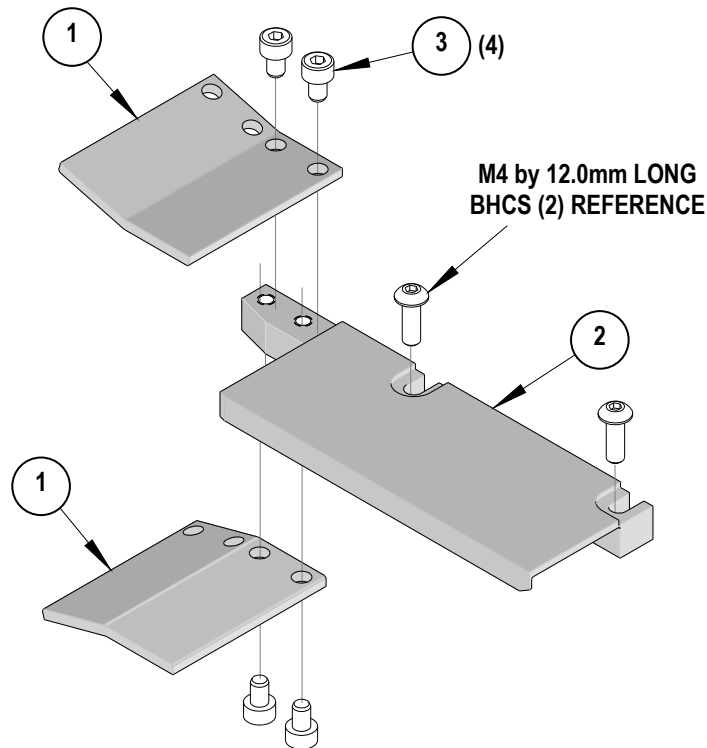
* On Mini-Fit Sr. 8 AWG terminal, the insulation is stripped in both the conductor and insulation grips.

Older Version Applicators

Older versions of this applicator can be updated with the Terminal Guide Assembly please order the parts below.

The Terminal Guide Assembly helps to align slightly bent up or down terminals, entering the track. Recommended for use with wire processing equipment, or roughly handled terminal reels. To install the Terminal Guide assembly follow the steps below.

1. Remove the (2) M4 by 12 BHCS from the existing rear cover.
2. Remove the rear cover
3. Replace it with the 63830-0120 Terminal Guide Assembly.
4. Replace the (2) M4 by 12 BHCS.



Terminal Guide Assembly 63830-0120				
Item	Order No	Engineering No.	Description	Quantity
1	63830-0117	63830-0117	Terminal Lead-In	2
2	63830-0118	63830-0118	Rear Cover	1
Hardware				
3	N/A	N/A	M4 by 6 Long SHCS	4**
** Available from an industrial supply company such as MSC (1-800-645-7270).				

NOTES

1. Molex recommends an extra perishable tooling kit be maintained at your facility.
2. Verify tooling alignment by manually cycling the press and applicator before crimping under power. Check that all screws are tight.
3. Slugs, terminals, dirt, and oil should be kept clear of work area.
4. Wear safety glasses at all times.
5. For recommended maintenance refer to the Mini-Mac Manual.

CAUTION: This applicator should only be used in a press with a shut height of 135.80 mm (5.346"). Tooling damage could result at a lower setting

CAUTION: To prevent injury, never operate this applicator without the guards supplied with the press or wire-processing machine in place. Reference the press or wire processing manufacturer's instruction manual.

CAUTION: Molex crimp specifications are valid only when used with Molex terminals, applicators and tooling.

Contact Information

For more information on Molex application tooling please contact Molex at 1-800-786-6539.

<http://www.molex.com>