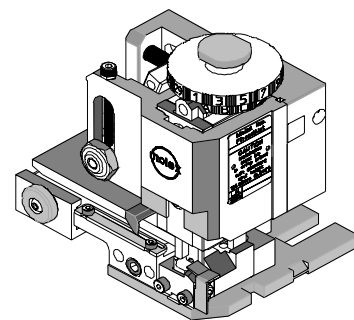




FineAdjust Applicator Specification Sheet Part No. 63867-6000



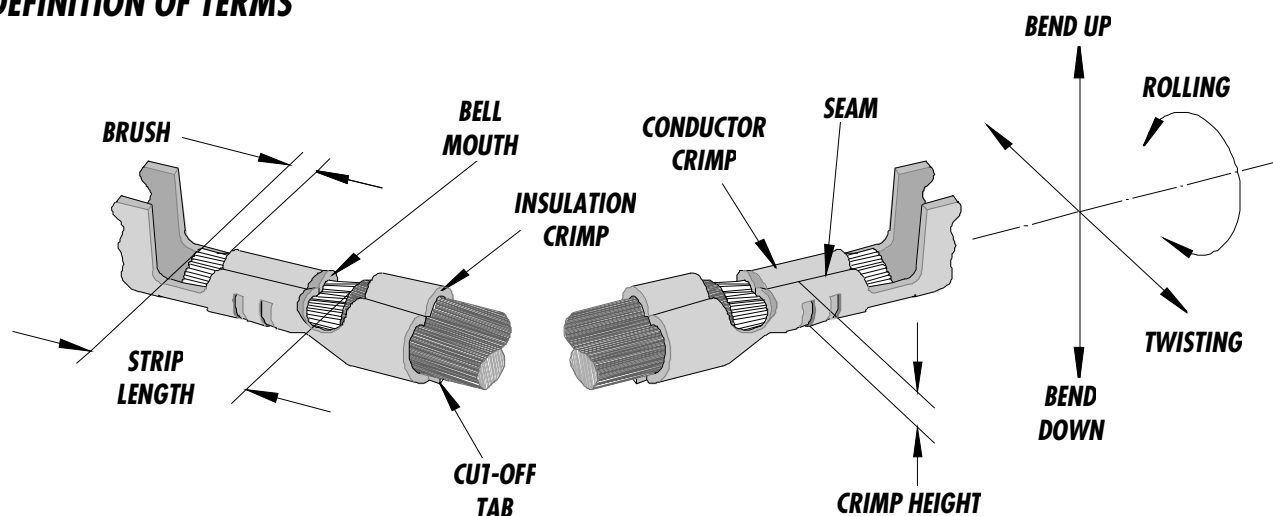
FEATURES

- Quick punch removal with the push of a button for fast and easy tooling change
- 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
- Directly adapts to most automatic wire processing machines

SCOPE

Terminal Series No.	Wire Size		Insulation Diameter		Strip Length	
	AWG	mm ²	mm	In.	mm	In.
35452-9802	16-18	1.31-0.82	3.60 Max	.142 Max	4.80-5.20	.189-.205
35453-9802	16-18	1.31-0.82	3.60 Max	.142 Max	4.80-5.20	.189-.205

DEFINITION OF TERMS



The above terminal drawing is a generic terminal representation. It is not an image of any terminal listed in the scope.

CRIMP SPECIFICATION

Terminal Series No.	Bell mouth		Cut-off Tab Max.		Conductor Brush	
	mm	In.	mm	In.	mm	In.
35452-9802	0.30-0.60	.012-.024	0.50	.020	0.30-0.80	.012-.032
35453-9802	0.30-0.60	.012-.024	0.50	.020	0.30-0.80	.012-.032

Terminal Series No.	Bend up	Bend down	Twist	Roll	Punch Width (Ref)				Seam Seam shall not be open and no wire allowed out of the crimping area
					Conductor		Insulation		
					mm	In	mm	In	
35452-9802	3 °	3 °	3 °	5 °	2.7 0	.10 6	4.0 0	.15 7	
35453-9802	3 °	3 °	3 °	5 °	2.7 0	.10 6	4.0 0	.15 7	

After crimping, the crimp profiles should measure the following:

Terminal Series No.	Wire Size		Conductor				Insulation				Pull Force Min.	
			Crimp Height		Crimp Width		Crimp Height Max.		Crimp Width			
	AWG	mm ²	mm	In.	mm	In.	mm	In.	mm	In.	N	Lb.
35452-9802	16	1.31	1.60-1.80	.063-.071	2.69-2.91	.106-.115	4.40	.173	4.00	.157	176.4	39.7
35452-9802	18	0.82	1.30-1.50	.051-.059	2.69-2.91	.106-.115	4.40	.173	4.00	.157	122.6	27.6
35453-9802	16	1.31	1.60-1.80	.063-.071	2.69-2.91	.106-.115	4.40	.173	4.00	.157	176.4	39.7
35453-9802	18	0.82	1.30-1.50	.051-.059	2.69-2.91	.106-.115	4.40	.173	4.00	.157	122.6	27.6

*** Tool Qualification Notes:**

- 1. This Applicator was qualified to the above specifications with UL1015 wire.**
- 2. Pull Force should be measured with no influence from the insulation crimp.**
- 3. The above specifications are guidelines to an optimum crimp.**

PARTS LIST

Item	Order No	Engineering No.	Description	Quantity
	63867-6000	63867-6000	<i>FineAdjust Applicator (Fig. 1)</i>	REF
1	63444-2725	63444-2725	<i>Conductor Punch</i>	1 Y
2	63445-2778	63445-2778	<i>Conductor Anvil</i>	1 Y
3	63446-4025	63446-4025	<i>Insulation Punch</i>	1 Y
4	63445-4048	63445-4048	<i>Insulation Anvil</i>	1 Y
5	63443-0035	63443-0035	<i>Cut-Off Plunger Front</i>	1 Y
6	63443-0036	63443-0036	<i>Plunger Retainer Front</i>	1 Y
7	63700-0539	63700-0539	<i>Cut-off Plunger Spring</i>	1
8	63443-3160	63443-3160	<i>Plunger Striker Front</i>	1
9	63443-0021	63443-0021	<i>Lower Tooling Key</i>	1
10	63443-6013	63443-6013	<i>Rear Cover</i>	1
11	11-18-4083	60707-8	<i>Front Cover</i>	1
12	63443-2506	63443-2506	<i>Anvil Mount</i>	1
13	11-18-4080	60707-5	<i>Wire Stop</i>	1
14	63443-0009	63443-0009	<i>Scrap Chute Front</i>	1
15	63801-3100	63801-3100	<i>Wide Track Fine Adjust Frame</i>	1
16	N/A	N/A	<i>M3 by 6Lg. SHCS</i>	2**
17	N/A	N/A	<i>M4 by 6Lg. SHCS</i>	1**
18	N/A	N/A	<i>M4 by 12Lg. BHCS</i>	2**
19	N/A	N/A	<i>M4 by 50Lg. SHCS</i>	2**
20	N/A	N/A	<i>M5 by 12Lg. SHCS</i>	1**
21	N/A	N/A	<i>3MM by 6Lg. Roll Pin</i>	1**
22	N/A	N/A	<i>#10-32 by 1/4"Lg. BHCS</i>	1**
	63867-6070	63867-6070	<i>Tool Kit (All Y Items)</i>	REF

**** The following purchased parts are available from an Industrial supply company such as MSC (1-800-645-7270).**

Assembly Drawing

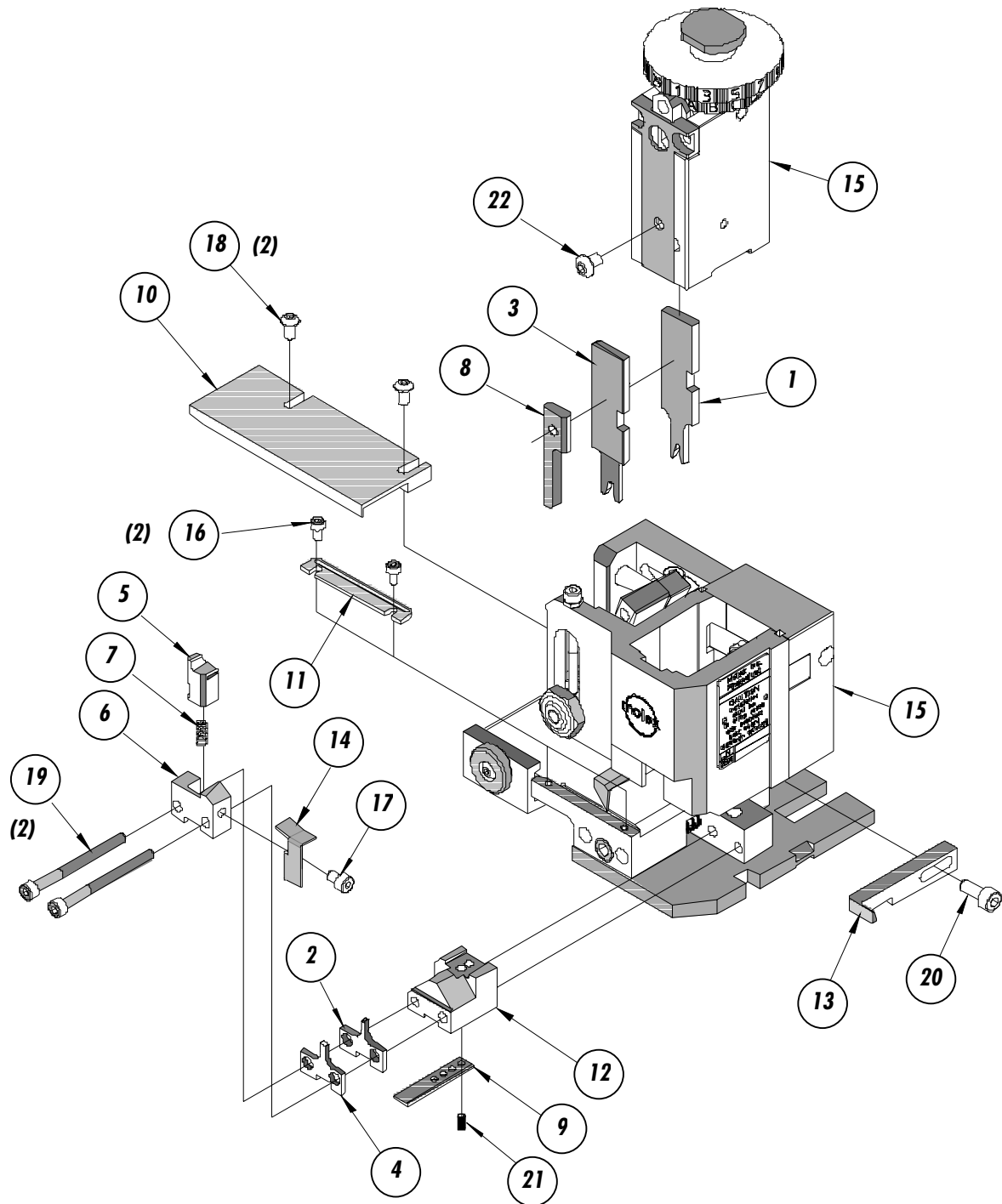


Figure 1

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 FineAdjust 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.*

Molex Application Tooling Group
1150 E. Diehl Road
Naperville, IL 60563
Tel: (630) 969-4550
Fax: (630) 505-0049

Visit our Web site at <http://www.molex.com>

Данный компонент на территории Российской Федерации

Вы можете приобрести в компании MosChip.

Для оперативного оформления запроса Вам необходимо перейти по данной ссылке:

<http://moschip.ru/get-element>

Вы можете разместить у нас заказ для любого Вашего проекта, будь то серийное производство или разработка единичного прибора.

В нашем ассортименте представлены ведущие мировые производители активных и пассивных электронных компонентов.

Нашей специализацией является поставка электронной компонентной базы двойного назначения, продукции таких производителей как XILINX, Intel (ex.ALTERA), Vicor, Microchip, Texas Instruments, Analog Devices, Mini-Circuits, Amphenol, Glenair.

Сотрудничество с глобальными дистрибьюторами электронных компонентов, предоставляет возможность заказывать и получать с международных складов практически любой перечень компонентов в оптимальные для Вас сроки.

На всех этапах разработки и производства наши партнеры могут получить квалифицированную поддержку опытных инженеров.

Система менеджмента качества компании отвечает требованиям в соответствии с ГОСТ Р ИСО 9001, ГОСТ РВ 0015-002 и ЭС РД 009

Офис по работе с юридическими лицами:

105318, г.Москва, ул.Щербаковская д.3, офис 1107, 1118, ДЦ «Щербаковский»

Телефон: +7 495 668-12-70 (многоканальный)

Факс: +7 495 668-12-70 (доб.304)

E-mail: info@moschip.ru

Skype отдела продаж:

moschip.ru

moschip.ru_4

moschip.ru_6

moschip.ru_9