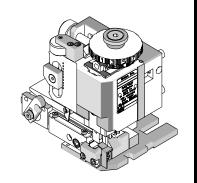


FineAdjust Applicator **Specification Sheet** Part No. 63900-1200



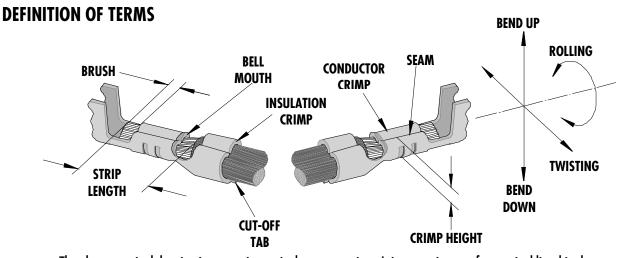
FEATURES

- Directly adapts to most automatic wire processing machines
- 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

SCOPE

Products: 4mm Pitch Motor Connector for 22 AWG.

Terminal Series No.	Terminal Order No.	Wire	Size	Insulation Diameter Maximum		Strip Length		
		AWG	mm²	mm	ln.	mm	ln.	
59333	59333-8000	22	0.32	1.75	.069	1.60-2.10	.063083	



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

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CRIMP SPECIFICATION

	Terminal Series No.	Bell n	nouth	Cut-off 1	ab Max.	Conductor Brush		
		Mm	ln.	mm	ln.	mm	ln.	
	59333	0.05-0.30	.002012	0.15	.006	0.00-0.70	0.0028	

	Bend up Bend down		Twist Roll		Punch Width mm (Ref)				Seam
Terminal Series No.	Della op 1	Conductor In		Insulation					
	Deg	Degree		Degree		ln	mm	ln	Seam shall not be open
59333	5	4	3	4	1.10	.043	1.50	.059	and no wire allowed out of the crimping area

After crimping, the conductor profile should measure the following.

	Wire	Ciza	Conductor				
Terminal Series No.	wile	SIZE	Crimp	Height	Crimp Width (Ref)		
	AWG	mm²	mm	ln.	mm	ln.	
59333	22	0.32	0.70-0.75	.028030	1.13	.045	

	Wira	Ciza	Insulation (A)	Pull Force Min.	
Terminal Series No.	es No. Wire Size Crimp Heigh		Height	Crimp	Width			
	AWG	mm²	mm	ln.	mm	ln.	N	Lb.
59333	22	0.32	1.75	.069	1.56	.061	39.2	8.81

Pull Force should be measured with no influence from the insulation crimp.

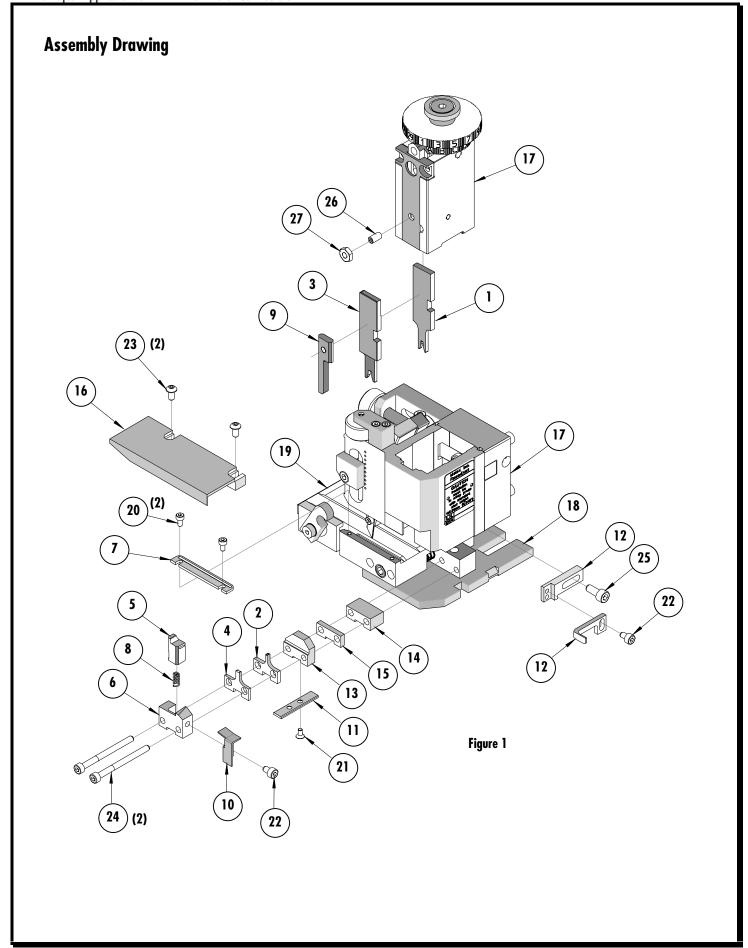
The above specifications are guidelines to an optimum crimp.

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PARTS LIST

	FineAdjust Applicator 63900-1200								
ltem	Order No	Engineering No.	Description	Quantity					
Perishable Tooling									
	63900-1270	63900-1270	Tool Kit (All "Y" Items)	REF					
1	63444-1123	63444-1123	Conductor Punch	1 Y					
2	63445-1104	63445-1104	Conductor Anvil	1 Y					
3	63446-1510	63446-1510	Insulation Punch	1 Y					
4	63445-1505	63445-1505	Insulation Anvil	1 Y					
5	63443-0002	63443-0002	Front Cut-Off Plunger	1 Y					
6	63443-0012	63443-0012	Front Plunger Retainer	1 Y					
		Other Compo	nents(REF 001250)						
7	11-18-4083	60707-8	Feed Guide	1					
8	11-24-1067	4996-4	Cut-Off Plunger Spring	1					
9	63443-3160	63443-3160	Plunger Striker	1					
10	63443-0009	63443-0009	Front Scrap Chute	1					
11	63443-0024	63443-0024	Key	1					
12	63443-0090	63443-0090	Wire Stop	1					
13	63443-1719	63443-1719	18.90mm Spacer	1					
14	63443-2217	63443-2217	17.00mm Spacer	1					
15	63443-2308	63443-2308	3.40mm Spacer	1					
16	63443-6002	63443-6002	Rear Cover	1					
	·		Frame						
17	63800-4901	63800-4901	Тор	1					
18	63801-3281	63801-3281	Base	1					
19	63801-4650	63801-4650	Track	1					
		Не	ardware						
20	N/A	N/A	M3 by 6 Long SHCS	2**					
21	N/A	N/A	M3 by 6 Long FHCS]**					
22	N/A	N/A	M4 by 6 Long SHCS	2**					
23	N/A	N/A	M4 by 12 Long BHCS	2**					
24	N/A	N/A	M4 by 50 Long SHCS	2**					
25	N/A	N/A	M5 by 12 Lg SHCS]**					
26	N/A	N/A	#10-32 by 3/8"Long Flat Point SSS	1**					
27	N/A	N/A	#10-32 Hex Jam Nut]**					
	** Available fro	m an industrial suppl	y company such as MSC (1-800-645-72	270).					

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NOTES

- Molex recommends an extra perishable tooling kit be maintained at your facility.
- Verify tooling alignment by manually cycling the press and Applicator before crimping under power. Check that all screws are tight.
- Slugs, Terminals, Dirt and Oil should be kept clear of work area.
- 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 135.8mm (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.

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