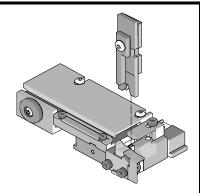


T2 Terminator Tooling Specification Sheet Part No. 63857-5000



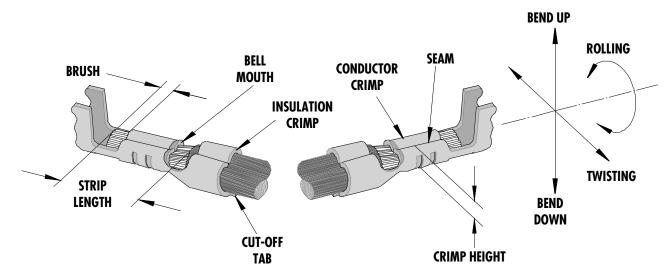
FEATURES

- It is ideally suited for mid-volume bench operations
- This terminator can be installed in the TM42 and the TM40 press or Base Unit adapter for 3BF press
- Quick punch removal with the push of a button for fast and easy tooling change
- Track adjustment capabilities in the T2 Terminators for improved control of the bell mouth size and cutoff tab length
- T2 Terminator has standardized tooling with the Molex FineAdjust Applicator which will reduce your inventory requirements

SCOPE

Terminal Series No.	Wire Size		Insulation	Diameter	Strip Length			
Terminur Jeries No.	AWG	mm ²	mm	ln.	mm	In.		
56134-9000	22-28	0.08-0.34	0.90-1.70	.035067	1.60-2.00	.063079		
56134-8000	22-26	0.13-0.34	1.25-1.70	.049067	1.60-2.00	.063079		
Note: Terminal is designed for UL1007 Wire								

DEFINITION OF TERMS



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

Release Date: 04-06-05 Revision Date: 04-06-05

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CRIMP SPECIFICATION

Terminal Series No.	Bell n	nouth	Cut-off 1	lab Max.	Conductor Brush		
Terminur Jeries No.	mm	ln.	mm	In.	mm	ln.	
56134-9000	0.05-0.40	.002016	0.30	.012	0.10-0.70	.004028	
56134-8000	0.05-0.40	.002016	0.30	.012	0.10-0.70	.004028	

					P	Punch Width (Ref)		Co	
Terminal Series No.	Bend up	Bend down	Twist	Roll	Cond	uctor	Insu	ation	Seam Seam shall not be
					mm	In	mm	In	open and no wire allowed
56134-9000	3 °	3 °	3 °	6 °	1.20	.047	1.50	.059	out of the crimping area
56134-8000	3 °	3 °	3 °	6 °	1.20	.047	1.50	.059	our or me emping area

After crimping, the crimp profiles should measure the following:

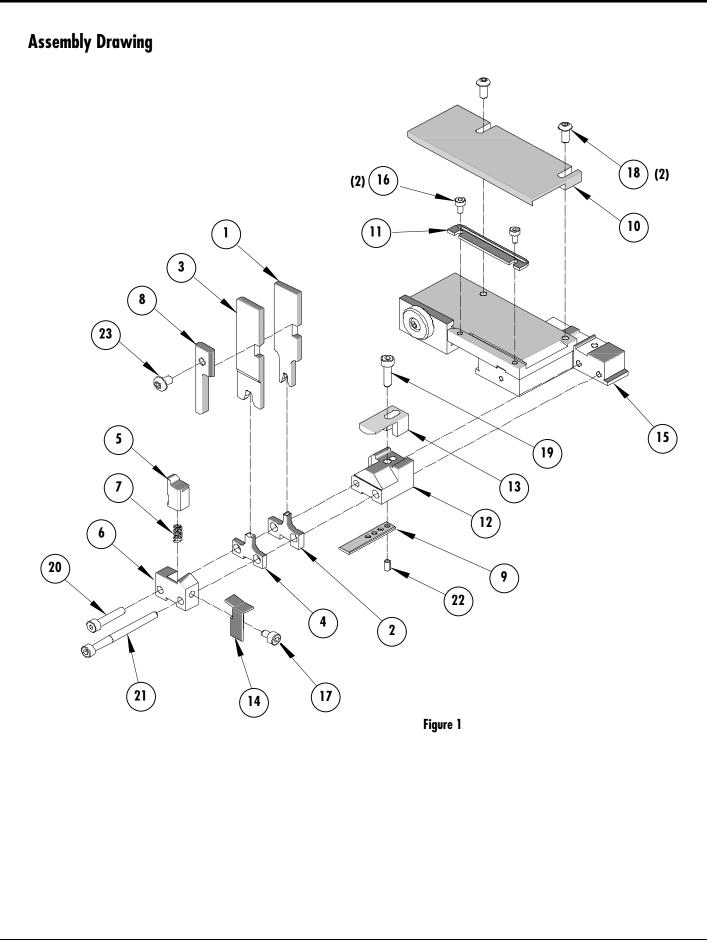
Torminal	Wire Size		Conductor					Pull Force Min.				
Terminal Series No.			Crimp Height		Crimp Width (Ref)		Crimp Height		Crimp Width (Ref)		run rorce min.	
Series No.	AWG	mm ²	mm	In.	mm	In.	mm	In.	mm	In.	N	Lb.
56134-9000	22	0.34	0.70-0.75	.028030	1.18-1.28	.046050	1.85-1.95	.073077	1.55-1.75	.061069	44.1	9.9
56134-9000	24	0.20	0.67-0.72	.026028	1.18-1.28	.046050	1.80-1.90	.071075	1.55-1.75	.061069	29.4	6.6
56134-9000	26	0.13	0.61-0.66	.024026	1.18-1.28	.046050	1.75-1.85	.069073	1.55-1.75	.061069	19.6	4.4
56134-9000	28	0.08	0.57-0.62	.022024	1.18-1.28	.046050	1.75-1.85	.069073	1.55-1.75	.061069	9.8	2.2
56134-8000	22	0.34	0.70-0.75	.028030	1.18-1.28	.046050	1.85-1.95	.073077	1.55-1.75	.061069	44.1	9.9
56134-8000	24	0.20	0.67-0.72	.026028	1.18-1.28	.046050	1.80-1.90	.071075	1.55-1.75	.061069	29.4	6.6
56134-8000	26	0.13	0.61-0.66	.024026	1.18-1.28	.046050	1.75-1.85	.069073	1.55-1.75	.061069	19.6	4.4

- * Tool Qualification Notes:
- This Applicator was qualified to the above specifications with UL1007 wire.
 *An insulation diameter larger than .051" may cause the insulation grips to pierce the insulation on both sides of the insulation crimp. The customer should determine the suitability for their application.
- 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

ltem	Order No	Engineering No. Description		
	63857-5000	63857-5000	T2 Terminator (Fig. 1)	REF
1	63444-1207	63444-1207	Conductor Punch	1 Y
2	63445-1213	63445-1213	Conductor Anvil	1 Y
3	63446-1510	63446-1510	Insulation Punch	1 Y
4	63445-1504	63445-1504	Insulation Anvil	1 Y
5	63443-0002	63443-0002	Cut-Off Plunger Front	1 Y
6	63443-0012	63443-0012	Plunger Retainer Front	1 Y
7	11-24-1067	4996-4	Cut-off Plunger Spring	1
8	634433160	634433160	Plunger Striker Front	1
9	63443-0021	63443-0021	Lower Tooling Key	1
10	63443-6003	63443-6003	Rear Cover	1
11	11-18-4083	60707-8	Front Cover	1
12	63443-2419	63443-2419	Anvil Mount	1
13	63443-4021	63443-4021	Wire Stop	1
14	63443-0009	63443-0009	Scrap Chute Front	1
15	63800-8500	63800-8500	T2 Terminator	1
16	N/A	N/A	M3 by 6Lg. SHCS	2**
17	N/A	N/A	M4 by 6Lg. SHCS]**
18	N/A	N/A	M4 by 12Lg. BHCS	2**
19	N/A	N/A	M4 by 16Lg. SHCS]**
20	N/A	N/A	M4 by 20Lg. SHCS]**
21	N/A	N/A	M4 by 50Lg. SHCS]**
22	N/A	N/A	3MM by 6Lg. Roll Pin]**
23	N/A	N/A	#10-32 by 3/8"Lg. BHCS]**
	63857-5070	63857-5070	Tool Kit (All Y Items)	REF

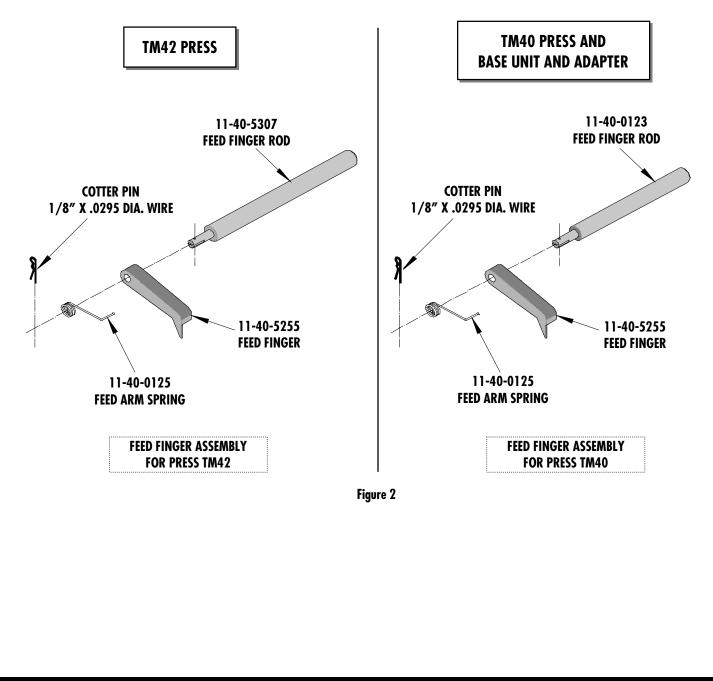
** The following purchased parts are available from an Industrial supply company such as MSC (1-800-645-7270).



NOTES

Depending on the press vintage a feed finger assembly is supplied with the T2 Terminator.

- 1. To remove the existing feed finger assembly, loosen the M4 x 10 mm set screw in the feed lever.
- 2. Select T2 Feed finger assembly from Terminator box.
- 3. Insert a screwdriver into the slot behind the feed lever and force the feed arm spring to the right.
- 4. Slide the T2 feed finger shaft for TM42 (11-40-5307) or (11-40-0123) for TM40 /Base Unit into the feed lever and to the left of the feed arm spring.
- 5. Release the feed arm spring.
- 6. Position feed finger for selected product. (Refer to Figure 5.1 in the T2 Manual).



NOTES

- 1. Molex recommends an extra perishable tooling kit be maintained at your facility.
- 2. Verify tooling alignment by manually cycling the press before crimping under power. Check that all screws are tight.
- 3. Slugs, Terminals, Dirt and Oil should be kept clear of work area.
- 4. This Terminator should be only used in a Molex TM42, TM40, or 3BF Press with a Base Unit adaptor.
- 5. Wear safety glasses at all times.
- 6. For recommended maintenance refer to the TM40, TM42 Manual.

CAUTION: To prevent injury never operate this Terminator without the guards supplied with the press or in place. Reference the TM42 press manufacturer's instruction manual.

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

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