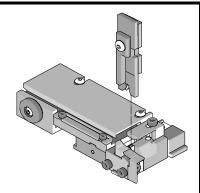


T2 Terminator Tooling Specification Sheet Part No. 63857-5000



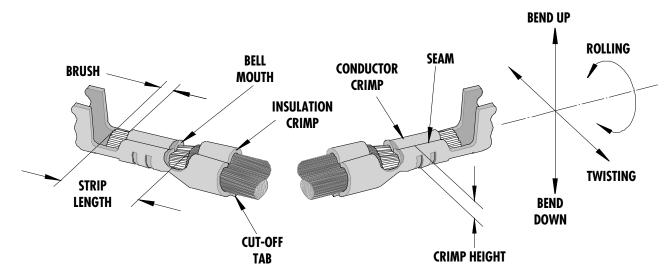
FEATURES

- 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 Series 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 In.		mm In.		mm	In.	
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	unch Wi	idth (Re	ef)	C
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 of the crimping area

After crimping, the crimp profiles should measure the following:

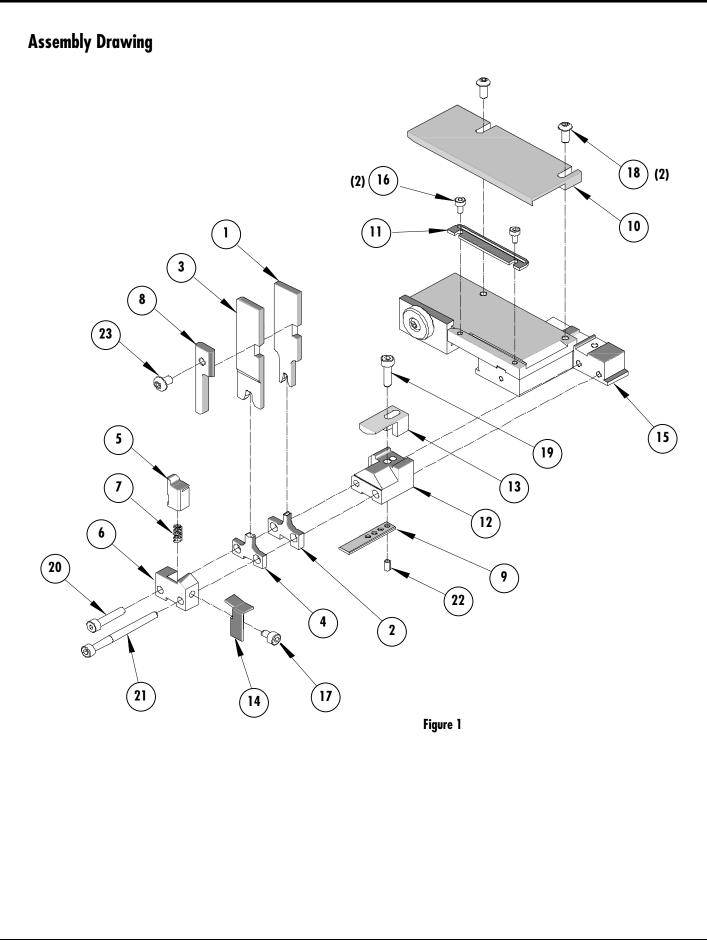
Torminal Wiro Siz				Cond	uctor			Pull Force Min.				
Terminal Series No.			Crimp Height		Crimp Width (Ref)		Crimp Height			Crimp Width (Ref)		
AW	AWG	mm ²	mm	In.	mm	In.	mm	In.	mm	In.	N	Lb.
56134-9000	22	0.34	0.70-0.75	.028030	1.18-1.28	.046050	1.85-1.95	.073077	1.55-1.75	.061069	44.1	9.9
56134-9000	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.	Quantity	
	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

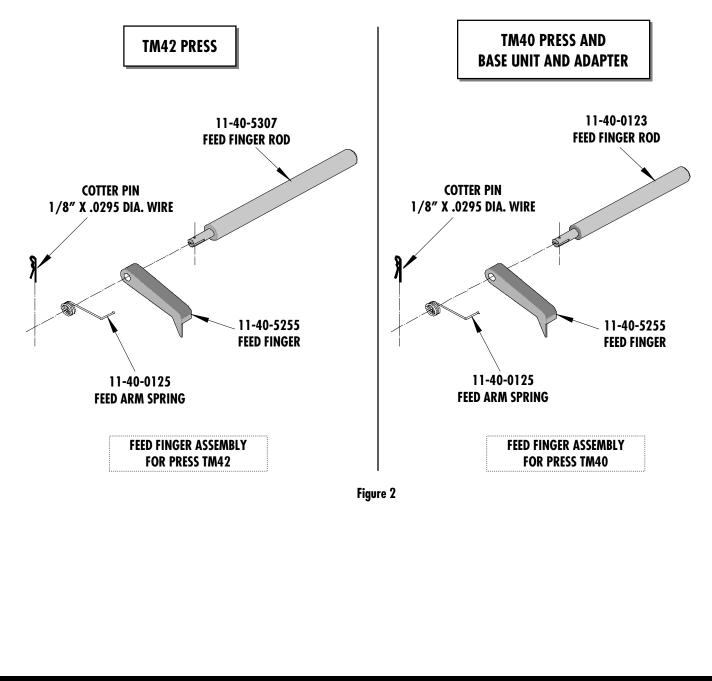
** The following purchased parts are available from an Industrial supply company such as MSC (1-800-645-7270).



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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