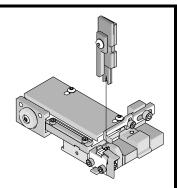


T2 Terminator Tooling Specification Sheet Part No. 63910-5000



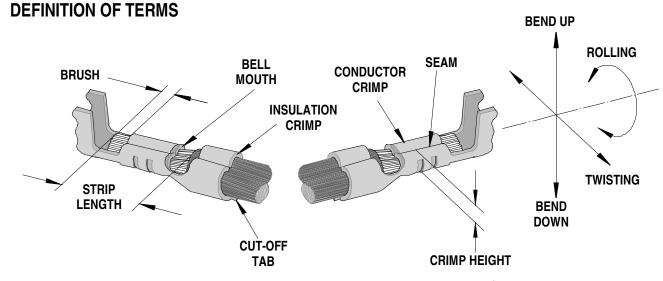
FEATURES

- 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

Products: 2.50mm (.098") Pitch SPOX[™] Male Crimp Terminal, 22 - 28 AWG.

Terminal Series No.	Terminal Order No.		Wire Size		Insulation Diameter		Strip Length	
renninal Series NO.			AWG	mm ²	mm	ln.	mm	In.
5263	08-70-1039	39-00-0042		0.35-0.08	1.15-1.90	.045075	2.40-2.90	.094114
	08-70-1045	39-00-0151	22 - 28					
	08-70-1047	98-00-0242						
	08-70-1048							
45627	45627-0001	45627-1001	22 - 24	0.35-0.20	1.15-1.90	.045075	2.40-2.90	.094114
	45627-0002	45627-1002	22 - 24					



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 r	nouth	Cut-off Tab	Maximum	Conductor Brush	
Terminal Series NO.	mm	In.	mm	In.	mm	In.
5263	0.20-0.50	.008020	0.30	.012	0.00-1.00	.000039
45627	0.20-0.50	.008020	0.30	.012	0.00-1.00	.000039

	Bend up Bend down		Twist	Roll	Punch Width (Ref)			ef)	Seem	
Terminal Series No.	Degree		Degree		Conductor		Insulation		Seam Seam shall not be	
					mm	In	mm	In	open and no wire allowed	
5263	4	2	8	8	1.40	.055	1.90	.075	out of the crimping area	
45627	4	2	8	8	1.40	.055	1.90	.075	out of the chimping area	

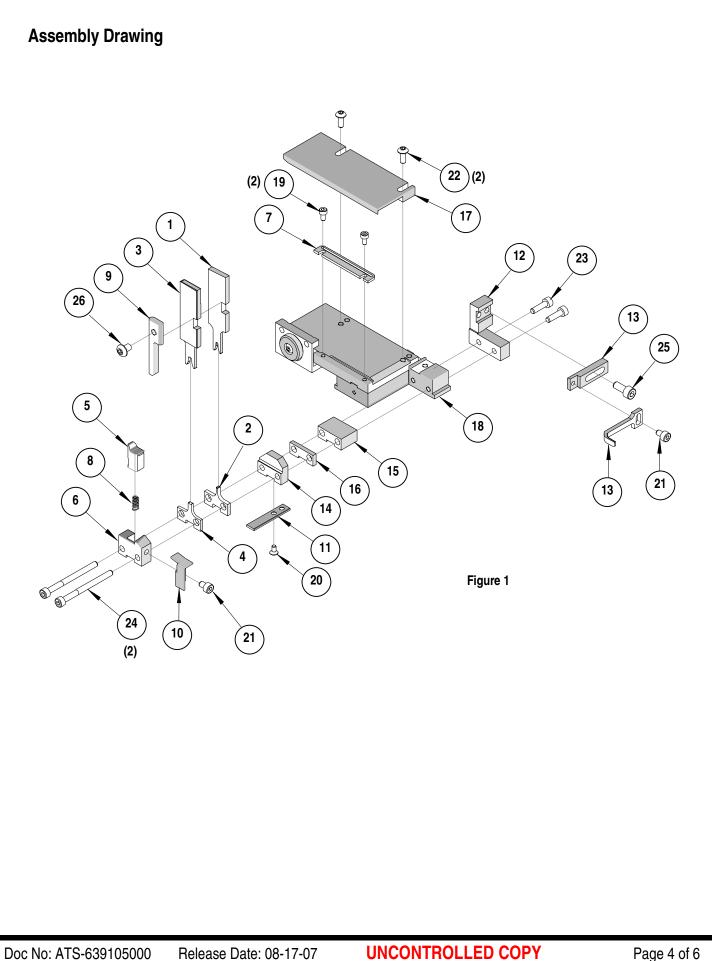
After crimping, the conductor profile should measure the following.

Terminal Series No.	Wire Size		Crimp	Height	Pull Force Minimum		
Terminal Series NO.	AWG	mm ²	mm	In.	Ν	Lb.	
	22	0.35	0.69-0.76	.027030	39.1	8.8	
5263	24	0.20	0.63-0.70	.025028	29.4	6.6	
5265	26	0.12	0.59-0.65	.023026	19.6	4.4	
	28	0.08	0.57-0.63	.022025	9.8	2.2	
45627	22	0.35	0.69-0.76	.027030	39.1	8.8	
	24	0.20	0.63-0.70	.025028	29.4	6.6	

Pull Force should be measured with no influence from the insulation crimp. The above specifications are guidelines to an optimum crimp.

PARTS LIST

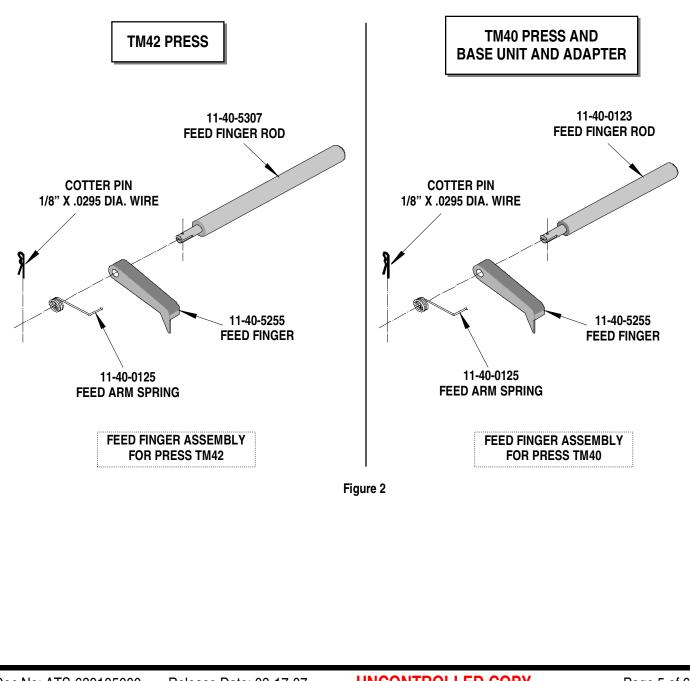
T2 Terminator 63910-5000								
ltem	Order No	Order No Engineering No. Description						
Perishable Tooling								
	63910-5070	63910-5070	Tool Kit (All "Y" Items)	REF				
1	63444-1413	63444-1413	Conductor Punch	1 Y				
2	63445-1435	63445-1435	Conductor Anvil	1 Y				
3	63446-1906	63446-1906	Insulation Punch	1 Y				
4	63445-1906	63445-1906	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 Componen	ts (REF 105050)					
7	11-18-4083	60707-8	Feed Guide	1				
8	11-24-1067	4996-4	Cut-Off Plunger Spring	1				
9	11-40-4039	8302-5	Plunger Striker	1				
10	63443-0009	63443-0009	Front Scrap Chute	1				
11	63443-0024	63443-0024	Кеу	1				
12	63443-0085	63443-0085	Wire Stop L-Bracket	1				
13	63443-0090	63443-0090	Wire Stop	1				
14	63443-1703	63443-1703	17.30mm Height Spacer	1				
15	63443-2216	63443-2216	16.00mm Coarse Spacer	1				
16	63443-2310	63443-2310	3.50mm Fine Spacer	1				
17	63443-6011	63443-6011	Rear Cover	1				
		Fra	me					
18	63800-8500	63800-8500	T2 Terminator	1				
Hardware								
19	N/A	N/A	M3 by 6 Long SHCS	2**				
20	N/A	N/A	M3 by 6 Long FHCS	1**				
21	N/A	N/A	M4 by 6 Long SHCS	2**				
22	N/A	N/A	M4 by 12 Long BHCS	2**				
23	N/A	N/A	M4 by 14 Long SHCS	2**				
24	N/A	N/A	M4 by 50 Long SHCS	2**				
25	N/A	N/A	M5 by 12 Long SHCS	1**				
26	N/A N/A #10-32 by 3/8"Long BHCS 1**							
** Ava	** 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 loosens 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.

Americas Headquarters Lisle, Illinois 60532 U.S.A. 1-800-78MOLEX amerinfo@molex.com Far East North Headquarters Yamato, Kanagawa, Japan 81-462-65-2324 feninfo@molex.com

Far East South Headquarters Jurong, Singapore 65-6-268-6868 fesinfo@molex.com

European Headquarters Munich, Germany 49-89-413092-0

eurinfo@molex.com

Corporate Headquarters

2222 Wellington Ct. Lisle, IL 60532 U.S.A. 630-969-4550 Fax: 630-969-1352

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

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