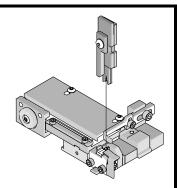


# T2 Terminator Tooling Specification Sheet Part No. 63910-5000



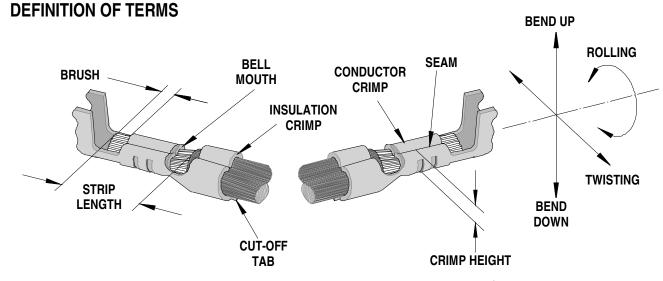
## FEATURES

- 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<sup>™</sup> Male Crimp Terminal, 22 - 28 AWG.

Terminal Series No.	Terminal Order No.		Wire Size		Insulation Diameter		Strip Length	
renninal Series NO.			AWG	mm <sup>2</sup>	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	
<b>Terminal Series No.</b>	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	

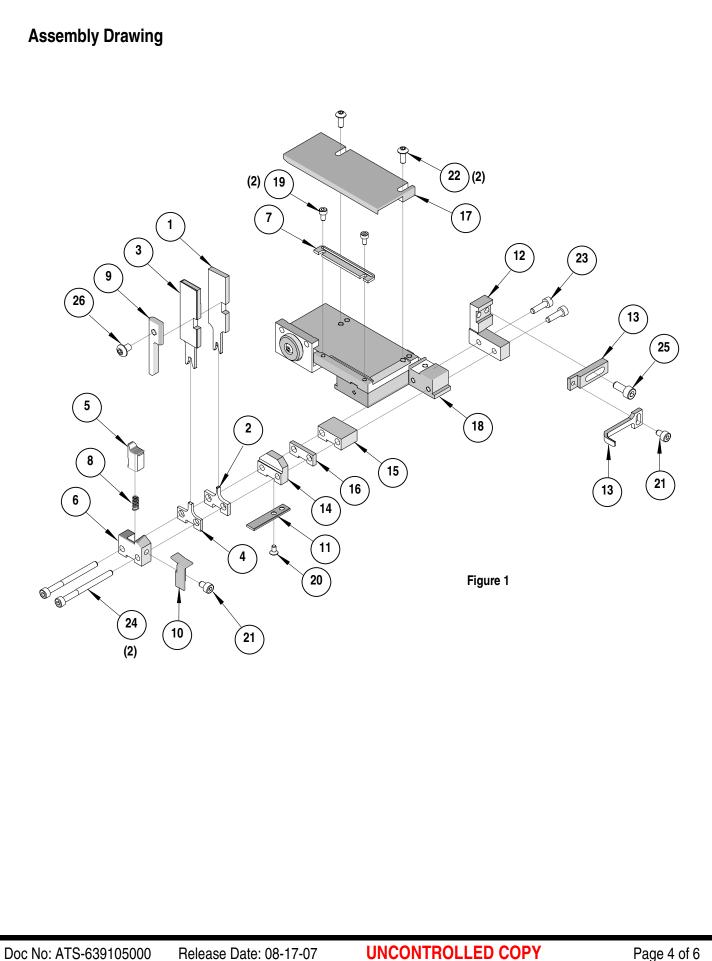
After crimping, the conductor profile should measure the following.

Terminal Series No.	Wire Size		Crimp	Height	<b>Pull Force Minimum</b>		
Terminal Series NO.	AWG	mm <sup>2</sup>	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

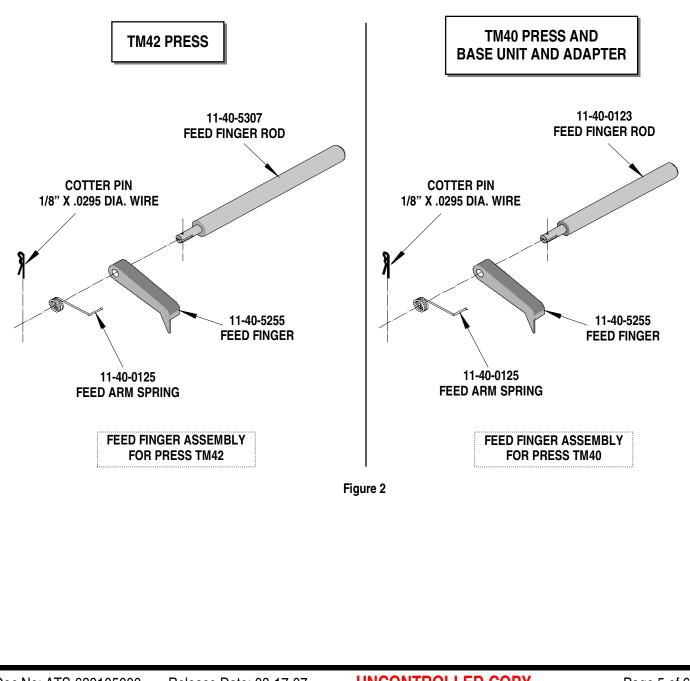
T2 Terminator 63910-5000								
ltem	Order No	Order No Engineering No. Description						
Perishable Tooling								
	63910-5070	63910-5070	Tool Kit (All "Y" Items)	REF				
1	63444-1413	63444-1413	Conductor Punch	1 Y				
2	63445-1435	63445-1435	Conductor Anvil	1 Y				
3	63446-1906	63446-1906	Insulation 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.

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