

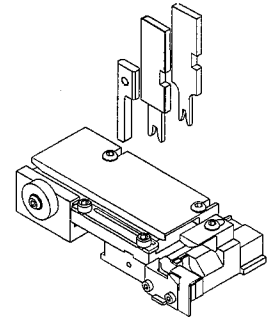


SPECIFICATION SHEET

T2 Terminator

63850-8200

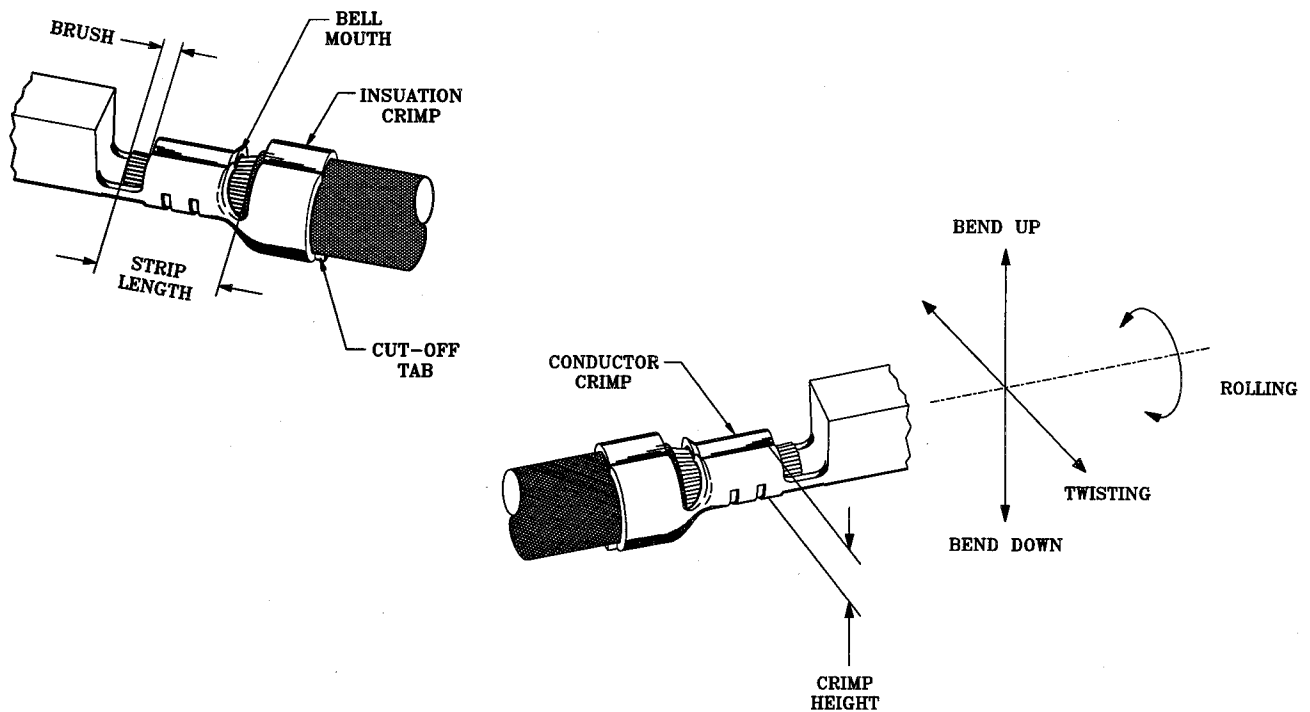
REVISION A



SCOPE

Terminal Series No	Wire Size Awg	Wire Size (mm ²)	Insulation Diameter mm	Insulation Diameter (in)	Strip Length mm	Strip Length (in)
5103		22-28	(0.35-0.08)	1.15-1.90	(.045-.075)	2.60-3.20
5241		22-28	(0.35-0.08)	1.15-1.90	(.045-.075)	2.60-3.20

DEFINITION OF TERMS



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

SPECIFICATIONS

Terminal Series No.	Bellmouth mm (in)	Cut-Off Tab Max. mm (in)	Conductor Brush mm (in)
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5103	0.20-0.50 (.008-.020)	0.30 (.012)	0.00-1.00 (.000-.039)
5241	0.20-0.50 (.008-.020)	0.30 (.012)	0.00-1.00 (.000-.039)

Terminal Series No.	Bend Up Degree	Bend Down Degree	Twist Degree	Roll	Punch Width mm Conductor Insulation
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5103	4	4	3	8	1.40 1.90
5241	4	4	3	8	1.40 1.90

The above specifications are guidelines to an optimum crimp.

CONDITIONS

After crimping, the conductor profile should measure the following.

Terminal Series	Wire Size Awg (mm ²)	Crimp Height mm (in)	Pull Force Min N (lbs)
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5103	22 (0.35)	0.82-0.87 (.032-.034)	39.1 (8.8)
5103	24 (0.20)	0.75-0.80 (.030-.031)	29.3 (6.6)
5103	26 (0.12)	0.70-0.75 (.028-.030)	19.6 (4.4)
5103	28 (0.08)	0.66-0.71 (.026-.028)	9.8 (2.2)
5241	22 (0.35)	0.82-0.87 (.032-.034)	39.1 (8.8)
5241	24 (0.20)	0.75-0.80 (.030-.031)	29.3 (6.6)
5241	26 (0.12)	0.70-0.75 (.028-.030)	19.6 (4.4)
5241	28 (0.08)	0.66-0.71 (.026-.028)	9.8 (2.2)

Pull Force measured with no influence from the insulation crimp

PARTS LIST

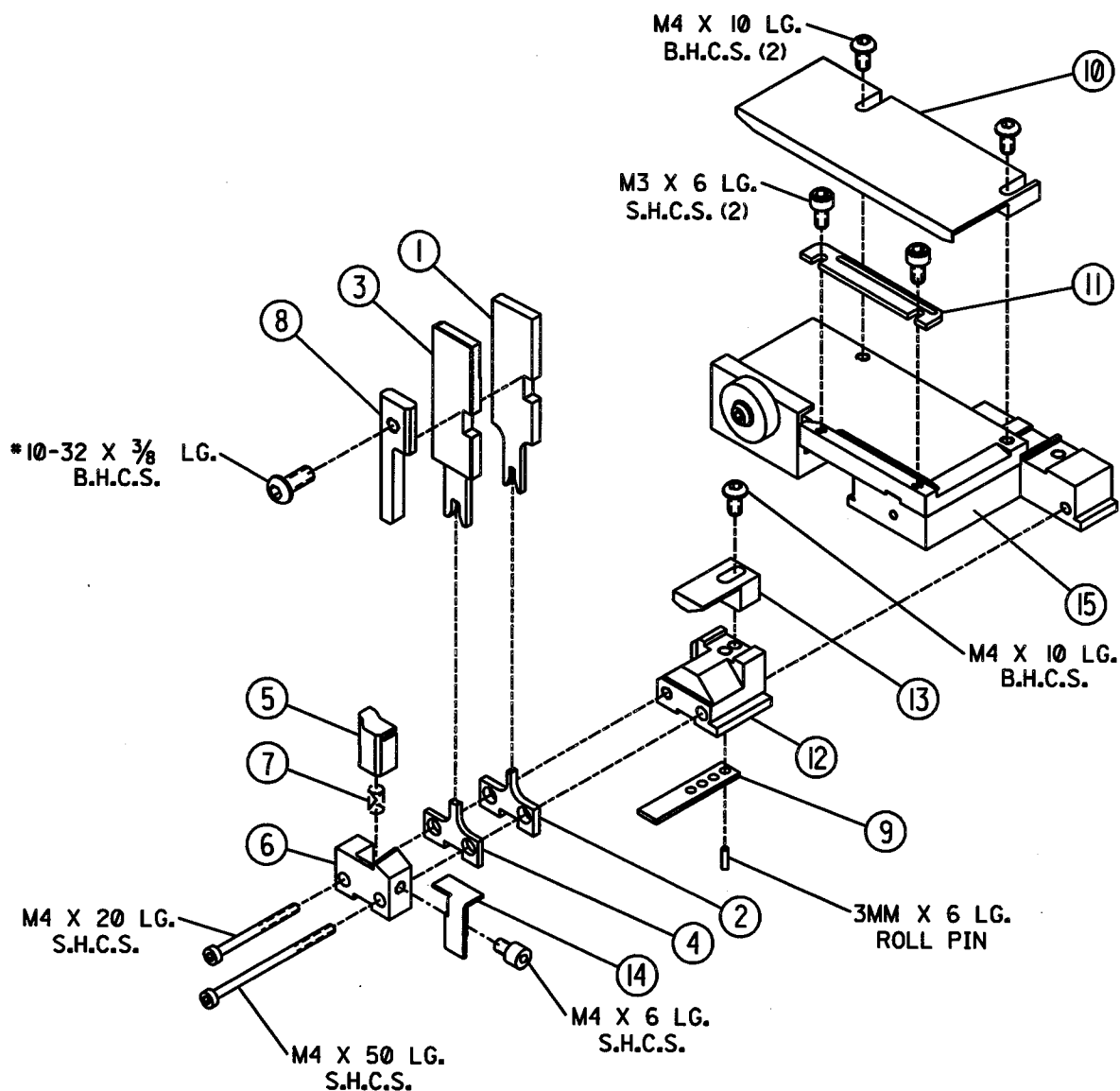
Item Number	Order Number	Eng Number	Description	Qty	Kit Part
1	634441417	634441417	Conductor Punch	1	Y
2	634451435	634451435	Conductor Anvil	1	Y
3	634461914	634461914	Insulation Punch	1	Y
4	634451924	634451924	Insulation Anvil	1	Y
5	634430002	634430002	Cut-Off Plunger	1	Y
6	634430012	634430012	Front Plunger Retainer	1	Y
7	11-24-1067	4996-4	Cut-Off Plunger Spring	1	
8	11-40-4039	8302-5	Front Plunger Striker	1	
9	634430021	634430021	Lower Tooling Key	1	
10	634436003	634436003	Rear Cover	1	
11	11-18-4083	60707-8	Front Cover	1	
12	634432409	634432409	Anvil Mount	1	
13	634434005	634434005	Wire Stop	1	
14	634430009	634430009	Scrap Chute	1	
15	638008500	638008500	T2 Terminator	1	
70	638508270	638508270	Tool Kit (All "Y" Items)	0	

NOTES

1. We recommend an extra perishable tooling kit be maintained at your facility.
2. Verify tooling alignment by manually cycling the press and Terminator before crimping under power.
3. Slugs , Terminals, Dirt and Oil should be kept clear of work area.
4. This Terminator should only be used in a Molex TM42, TM40, or 3BF Press with a BaseUnit adaptor.
5. **** CAUTION**** To prevent injury never operate this Terminator without the guarding supplied with the TM42 , TM40, or 3BF Press / Base Unit.
6. Wear safety glasses at all times.

ASSEMBLY DRAWING

The drawing below is a generic drawing representation. Some detail may not be shown.
The T2 Terminator assembly and parts list can be found in the T2 Terminator manual.

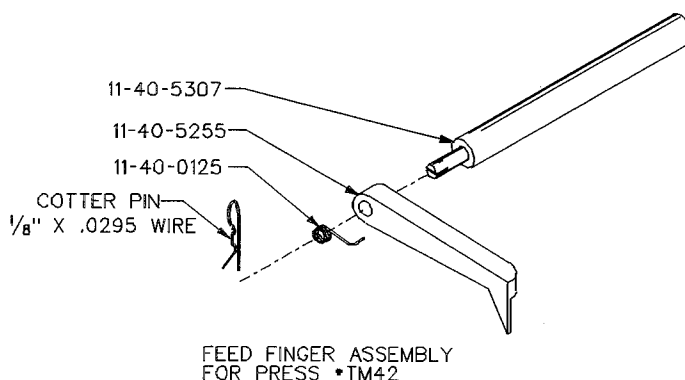


Note

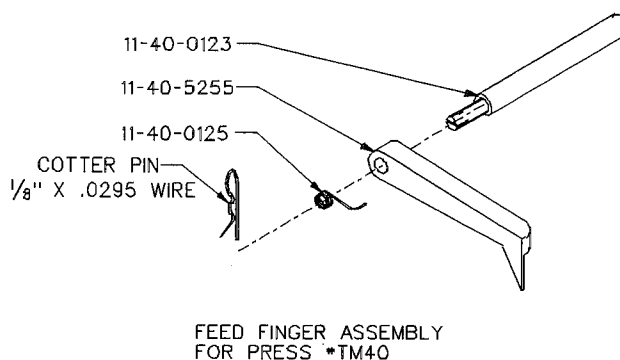
Depending on the press vintage a feed finger assembly is supplied with the T2 Terminator.

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 to slot behind the feed lever and force the 12 mm 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 12 mm spring.
5. Release the 12 mm spring.
6. Position feed finger for selected product. (Ref fig 5.1 T2 Manual)

TM42 Press



TM40 Press & BaseUnit & Adaptor



Mouser Electronics

Authorized Distributor

Click to View Pricing, Inventory, Delivery & Lifecycle Information:

Molex:

63850-8270