



Product Change Notification

Date Issued :	May 26, 2022	PCN Number :	512103
Reason for Change :	Change to Product		
Description of Change :	This notification is to inform you about revision up of the engineering document of the part(s) as identified in the list. This change is for the engineering document only, no changes will be made to the actual products and specification.		
Assessment of Change :	No change to parts - Form/Fit/Function		
Planned Implementation Date :	December 30, 2022		
Sample Availability Date:	May 26, 2022		
Internal Molex Qualification Date :	May 26, 2022		
Last date to request Samples by Customer :	May 26, 2022		
Traceability Code Markings / Date :	No special marking on the product or packaging		

Before Picture

PICOLOCK1.5/2.0 APPLICATION TOOLING SPECIFICATIONS

5781163700ATS

molex

S-1
Applicator

Application Tooling Specification Sheet

Order No. 578116-3700

FEATURES

- Directly adapts to most automatic wire processing machines.
- Simplified terminal feed mechanism provides improved accuracy.
- Conductor crimp height and insulation crimp height can achieve an aim by slight labor by the adjustment of each 10 steps.
- Adjustments to the bell mouth can be made without detaching the applicator.
- Changeable feed cam supports pre-feed and post-feed operation.

SCOPE

Products: PICO-LOCK 2.0 CRIMP Terminals, 24-28 AWG

Terminal Series No.	Terminal Order No.	Wire Size	Insulation Diameter	Crimp Length			
				mm	in.		
504052	504052-0098	24-28	0.113-0.283	1.80-1.51	0.032-0.045	1.50-1.90	0.059-0.75
Note: Order (578033-6000) required to crimp terminals. See (578033-6000) (JOL POT HOLDER) Manual.							

 zoom in

Terminal Series No.	Terminal Order No.	Wire Size	
		AWG	mm²
504052	504052-0098	24-28	0.113-0.283

Change value to 0.089-0.227

2111423700ATS

S-1
Applicator

molex

Application Tooling Specification Sheet

Order No. 211142-3700

FEATURES

- Directly adapts to most automatic wire processing machines.
- Simplified terminal feed mechanism provides improved accuracy.
- Conductor crimp height and insulation crimp height can achieve an aim by slight labor by the adjustment of each 10 steps.
- Adjustments to the bell mouth can be made without detaching the applicator.
- Changeable feed cam supports pre-feed and post-feed operation.

SCOPE

Products: PICO-LOCK 2.0 CRIMP Terminals, 20-22 AWG

Terminal Series No.	Terminal No.	Wire Size	Insulation Diameter	Strip Length/Strips
205342	205342-5028	20-22	0.342-0.562	3-1.5 047-509 2.2-2.6 087-112

This Applicator will apply wire AWG20-22 crimp wires.

Applicable Part: PICO-LOCK 2.0 CRIMP Terminals, 20-22 AWG

Note: Order (578033-6000) required to crimp terminals. See (578033-6000) (JOL POT HOLDER) Manual.

 zoom in

Terminal Series No.	Terminal No.	Wire Size	
		AWG	mm²
205342	205342-5028	20-22	0.342-0.562

Change value to 0.342-0.523

2111423710ATS

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S-1
Applicator

Application Tooling Specification Sheet

Order No. 211142-3710

FEATURES

- Directly adapts to most automatic wire processing machines.
- Simplified terminal feed mechanism provides improved accuracy.
- Conductor crimp height and insulation crimp height can achieve an aim by slight labor by the adjustment of each 10 steps.
- Adjustments to the bell mouth can be made without detaching the applicator.
- Changeable feed cam supports pre-feed and post-feed operation.

SCOPE

Products: PICO-LOCK 2.0 CRIMP Terminals, 24-26 AWG

Terminal Series No.	Terminal No.	Wire Size AWG mm	Insulation Diameter mm	Strip Length/Inch mm
205342	205342-5128	24-26 0.126-0.283	0.5-1.3	2.2-2.6 0.87-1.02

The Applicator and range wire AWG24-26 crimped above.

Notes: Order (578033-6000) required to crimp terminals. See (578033-6000) (JOL POT HOLDER) Manual.

 zoom in

Terminal Series No.	Terminal No.	Wire Size	
		AWG	mm²
205342	205342-5128	24-26	0.126-0.283

Change value to 0.141-0.221

OVERVIEW

- **Change description**
 - The Wire size mm² on the Application Tooling Specification will be changed;
 - 5781163700ATS: From 0.113-0.283 to 0.089-0.227
 - 2111423700ATS: From 0.342-0.562 to 0.342-0.523
 - 2111423710ATS: From 0.126-0.283 to 0.141-0.221
 - The Wire size mm² value corresponding to the AWG value can be calculated by formula. However, since the current value was calculated by the incorrect formula, we will correct the value.
- **Product Impact**
 - This change affects Application Tooling Specification Document Only
 - No impact to product
- **Part Number Impact**
 - 504052 series and 205342 series
 - see attached impacted parts list for detail
- **How the change implement: Drawing revision update**

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RELEASED

You may address inquiries regarding this PCN by clicking on the below link
mailto:pcn_coordinator@molex.com?subject=PCN_Notification:512103
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