



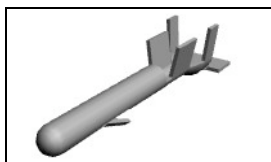
**Have a Question?**  
 Chat with a Product  
 Information Specialist

What can we help you find?

[Products](#) | 
 [Industries](#) | 
 [Resources](#) | 
 [About TE](#) | 
 [My Account](#) | 
 [Innovation](#) | 
 [Support Center](#)

## 61118-1 Product Details

[Share](#) | 
 [Print](#) | 
 [Email](#)



**61118-1**

TE Internal Number: 61118-1

Active

[View 3D PDF](#)

### .200" Centerline, 250 V, 13 A max.

Always EU RoHS/ELV Compliant (Statement of Compliance)

#### Product Highlights:

- Commercial MATE-N-LOK Product Line
- Wire-to-Wire
- Applies To Wire/Cable
- Contact
- Contact Type = Pin

[View all Features](#)

#### Quick Links

- ▶ [Pricing & Availability](#)
- ▶ [Search for Tooling](#)
- ▶ [View Housings \(69\)](#)
- ▶ [Product Feature Selector](#)
- ▶ [Contact Us About This Product](#)

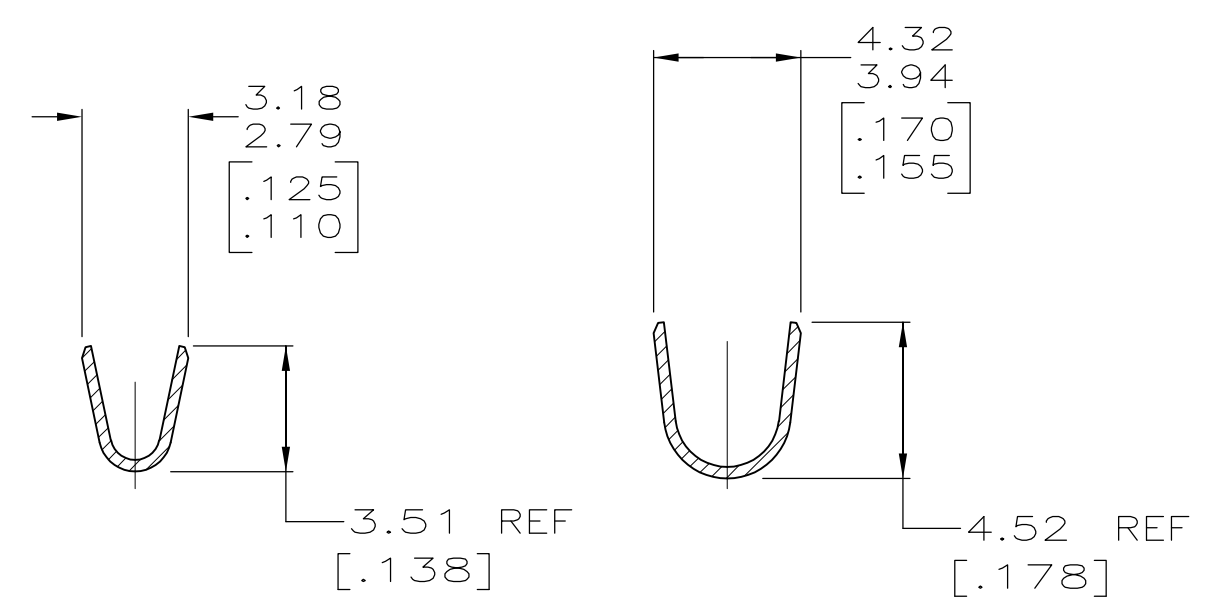
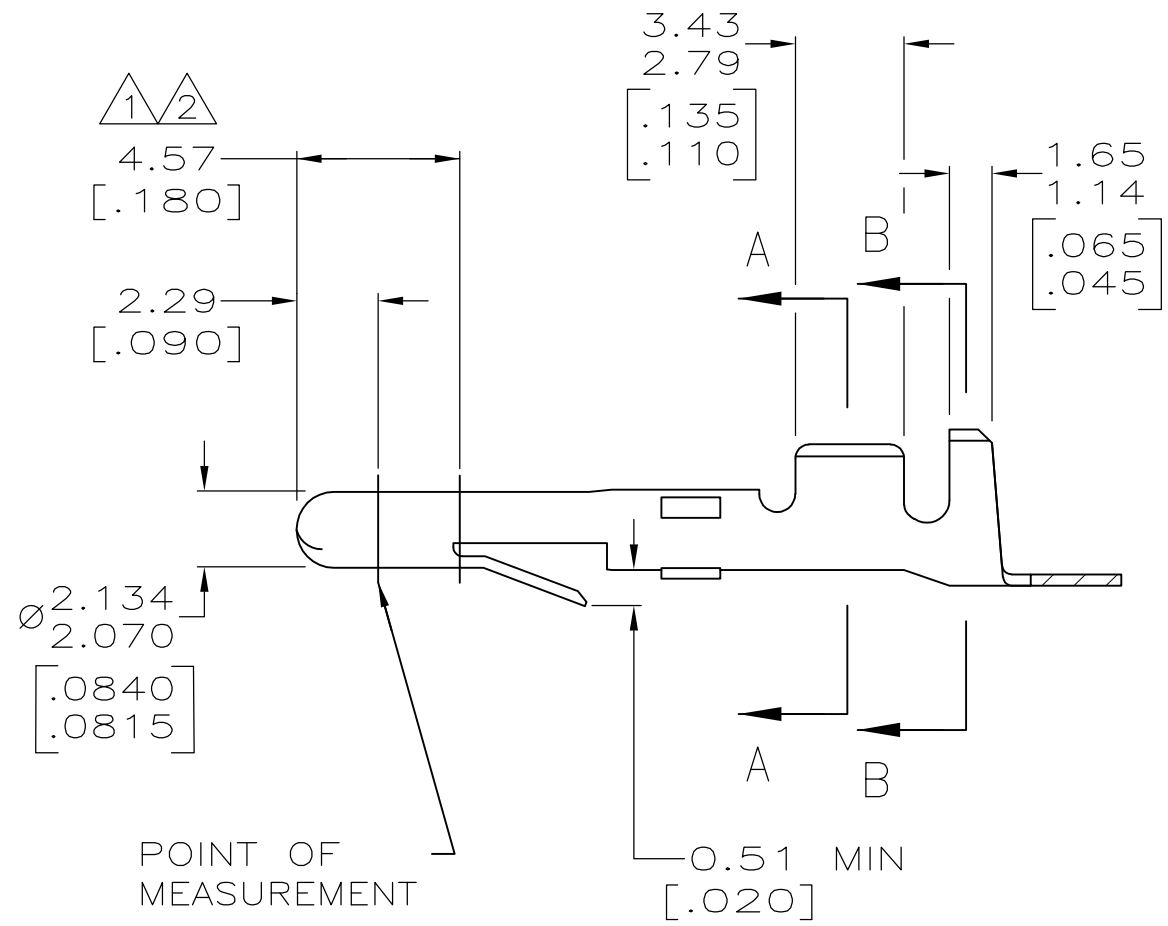
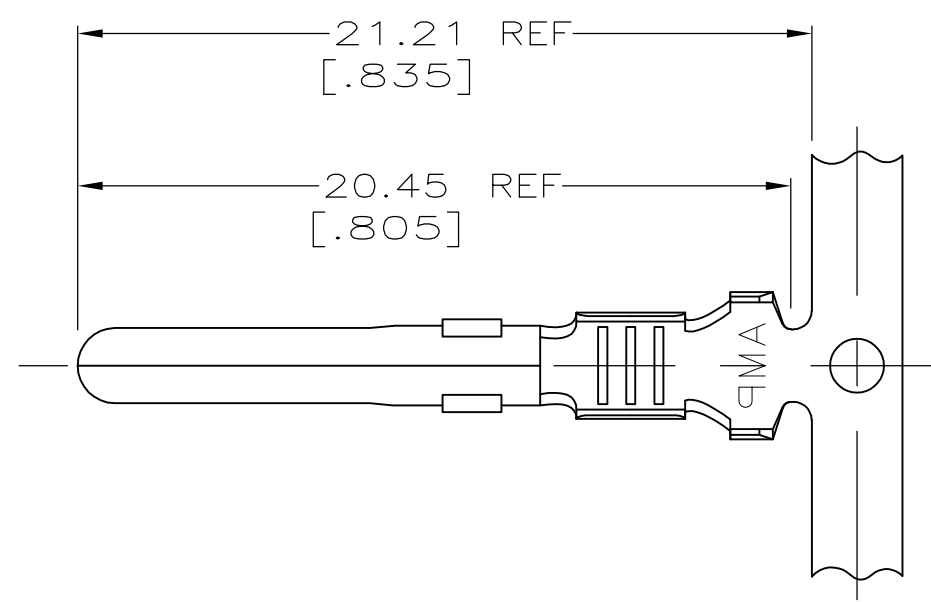
[Add to My Part List](#) | 
 [Request Sample](#) | 
 [Find Similar Products](#) | 
 [Buy Product](#)

Documentation & Additional Information	
<p><b>Product Drawings:</b></p> <ul style="list-style-type: none"> <li>• <a href="#">PIN, MATE-N-LOK (PDF, English)</a></li> </ul> <p><b>Catalog Pages/Data Sheets:</b></p> <ul style="list-style-type: none"> <li>• <a href="#">SOFT_SHELL_PIN_SOCKET_CONNECTORS_STANDARD_DENSITY (PDF, English)</a></li> </ul> <p><b>Product Specifications:</b></p> <ul style="list-style-type: none"> <li>• <a href="#">MATE-N-LOK Commercial Connector (PDF, English)</a></li> <li>• <a href="#">Connector, IDC Commercial MATE-N-LOK (PDF, English)</a></li> </ul> <p><b>Application Specifications:</b></p> <ul style="list-style-type: none"> <li>• <a href="#">Commercial MATE-N-LOK Pin And Socket Contacts (PDF, English)</a></li> <li>• <a href="#">MATE-N-LOK Commercial Pin and Socket Contacts (PDF, Japanese)</a></li> </ul> <p><b>Instruction Sheets:</b></p> <ul style="list-style-type: none"> <li>• None Available</li> </ul> <p><b>CAD Files:</b> (<a href="#">CAD Format &amp; Compression Information</a>)</p> <ul style="list-style-type: none"> <li>• <a href="#">2D Drawing (DXF, Version AF)</a></li> <li>• <a href="#">3D Model (IGES, Version AF)</a></li> <li>• <a href="#">3D Model (STEP, Version AF)</a></li> </ul>	<p><b>Additional Information:</b></p> <ul style="list-style-type: none"> <li>• <a href="#">Product Line Information</a></li> </ul> <p><b>Related Products:</b></p> <ul style="list-style-type: none"> <li>• <a href="#">Tooling</a></li> <li>• <a href="#">Housings (69)</a></li> </ul>

[List all Documents](#)

Product Features (Please use the Product Drawing for all design activity)	
<p><b>Product Type Features:</b></p> <ul style="list-style-type: none"> <li>• Product Line = Commercial MATE-N-LOK</li> <li>• Product Type = Contact</li> <li>• Wire/Cable Type = Discrete Wire</li> <li>• Termination Method to Wire/Cable = Crimp</li> <li>• Sealed = No</li> </ul> <p><b>Mechanical Attachment:</b></p> <ul style="list-style-type: none"> <li>• Contact Retention = With</li> <li>• Contact Retention Type = Locking Lance</li> </ul> <p><b>Electrical Characteristics:</b></p> <ul style="list-style-type: none"> <li>• Contact - Rated Current (A) = 15</li> <li>• Operating Voltage Reference = AC</li> <li>• Operating Voltage (VAC) = 250</li> </ul> <p><b>Termination Features:</b></p> <ul style="list-style-type: none"> <li>• Wire/Cable Size (mm<sup>2</sup>) = 0.5 - 2</li> <li>• Wire/Cable Size (AWG) = 14 - 20</li> </ul> <p><b>Body Features:</b></p> <ul style="list-style-type: none"> <li>• Wire Type = Stranded</li> </ul> <p><b>Contact Features:</b></p> <ul style="list-style-type: none"> <li>• Contact Type = Pin</li> <li>• Contact Plating, Mating Area, Material = Pre-Tin</li> <li>• Contact Diameter (mm [in]) = 2.13 [0.084]</li> <li>• Contact Base Material = Brass</li> </ul>	<p><b>Industry Standards:</b></p> <ul style="list-style-type: none"> <li>• <a href="#">RoHS/ELV Compliance</a> = RoHS compliant, ELV compliant</li> <li>• <a href="#">Lead Free Solder Processes</a> = Not relevant for lead free process</li> <li>• RoHS/ELV Compliance History = Always was RoHS compliant</li> <li>• VDE Tested = No</li> </ul> <p><b>Environmental:</b></p> <ul style="list-style-type: none"> <li>• Operating Temperature (°C [°F]) = -55 - +105 [-67 - +221]</li> </ul> <p><b>Conditions for Usage:</b></p> <ul style="list-style-type: none"> <li>• Applies To = Wire/Cable</li> <li>• For Multiple Crimp = No</li> <li>• Accepts Wire Insulation Diameter, Range (mm [in]) = 3.30 [0.130]</li> <li>• For Use With = Pin (Cap) Housing</li> </ul> <p><b>Operation/Application:</b></p> <ul style="list-style-type: none"> <li>• Application Use = Wire-to-Wire</li> </ul> <p><b>Packaging Features:</b></p> <ul style="list-style-type: none"> <li>• Packaging Method = Reel</li> <li>• Packaging Quantity = 5,000</li> </ul> <p><b>Other:</b></p> <ul style="list-style-type: none"> <li>• Brand = AMP</li> </ul>

LOC	DIST	REVISIONS			
P	LTR	DESCRIPTION	DATE	OWN	APVD
CM	53	AF2	REVISED PER ECR 12-013810	240SEPT12	JR TM



**METRIC**

- ① PLATE OVERALL WITH 0.00127 [.000050] MIN NICKEL, THEN TIP PLATE WITH 0.00076 [.000030] MIN GOLD IN THE MATING AREA.
- ② PLATE OVERALL WITH 0.00127 [.000050] MIN NICKEL, THEN PLATE IN THE MATING AREA AND STRIPE THE INSIDE OF THE WIRE BARREL WITH 0.00076 [.000030] MIN GOLD.
- 3. WIRE RANGE: 0.5 - 2 mm<sup>2</sup> [20 - 14 AWG].
- 4. INSULATION RANGE: 3.30 [.130] MAX DIA.
- 5. APPLICATION TYPE: MINI.
- 6. DIMENSIONS IN BRACKETS ARE IN INCHES.

①	0.33 [.012]	BRASS	61118-7
②	0.33 [.012]	PH BRZ	61118-6
③	0.33 [.012]	BRASS	61118-5
PRE-TIN	0.33 [.012]	PH BRZ	61118-4
-	0.33 [.012]	BRASS	61118-2
PRE-TIN	0.33 [.012]	BRASS	61118-1
FINISH	MATERIAL		PART NO

THIS DRAWING IS A CONTROLLED DOCUMENT.		DWN T. BECK 11-20-92	<b>STE</b> TE Connectivity	
DIMENSIONS: mm[INCHES]		CHK R. SWING 11-20-92		
TOLERANCES UNLESS OTHERWISE SPECIFIED:		APVD D. SELF 12-9-92	NAME PIN, MATE-N-LOK™	
0 PLC ± -	1 PLC ± -	PRODUCT SPEC	-	
2 PLC ± 0.25 [.010]	3 PLC ± -	APPLICATION SPEC	-	
4 PLC ± -	ANGLES ± ± -	FINISH	-	
MATERIAL SEE TABLE	FINISH SEE TABLE	WEIGHT -	SIZE A2	CAGE CODE 00779
		CUSTOMER DRAWING	DRAWING NO 61118	RESTRICTED TO -
		SCALE 5:1	SHEET 1 of 1	REV AF2