



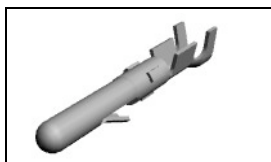
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61116-1 Product Details

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61116-1

TE Internal Number: 61116-1

Active

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.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](#)

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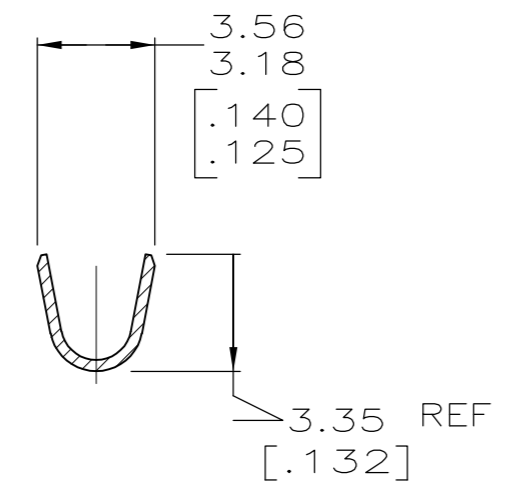
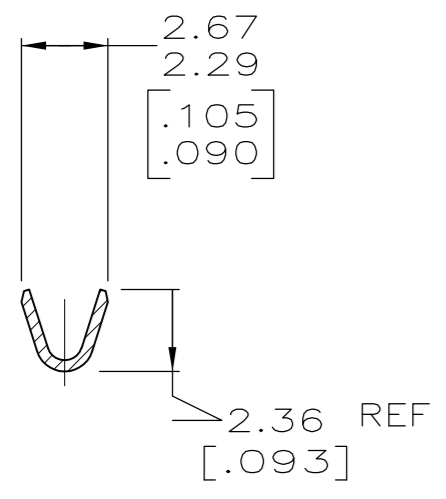
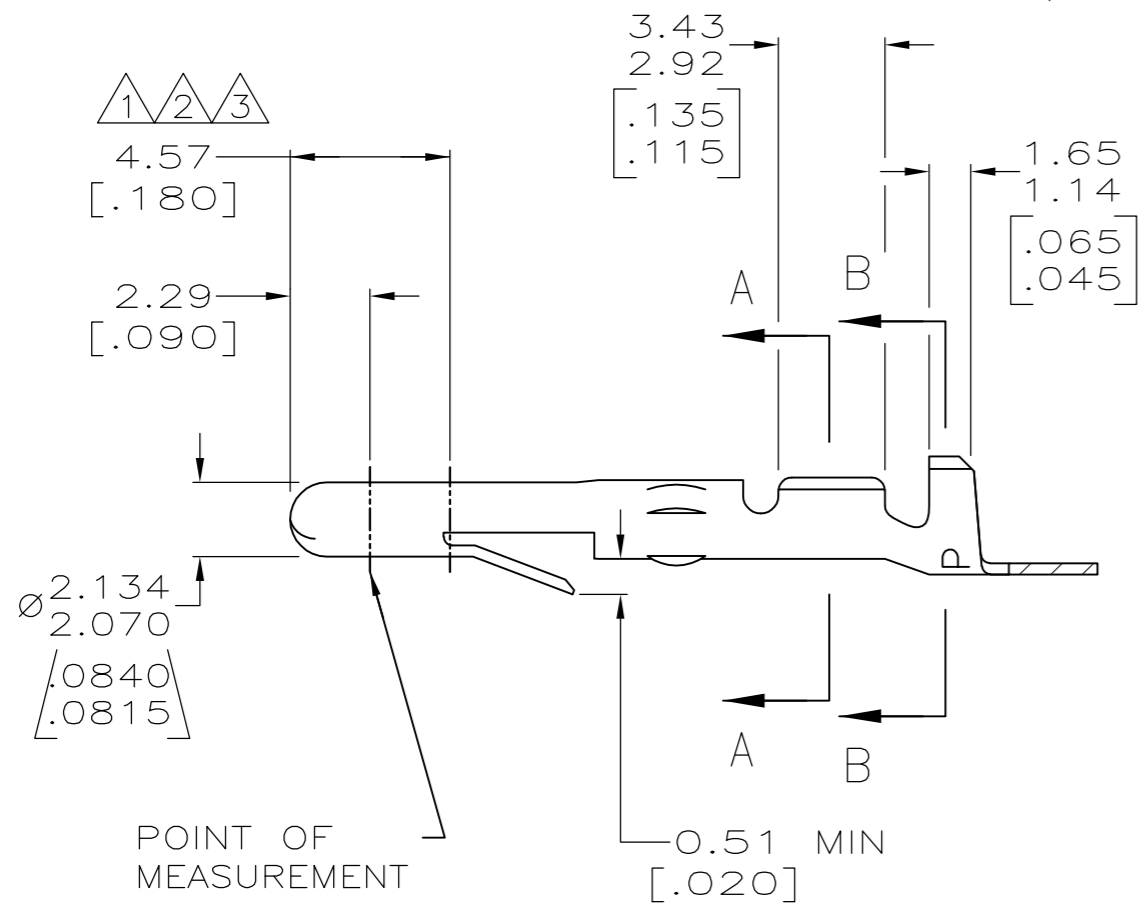
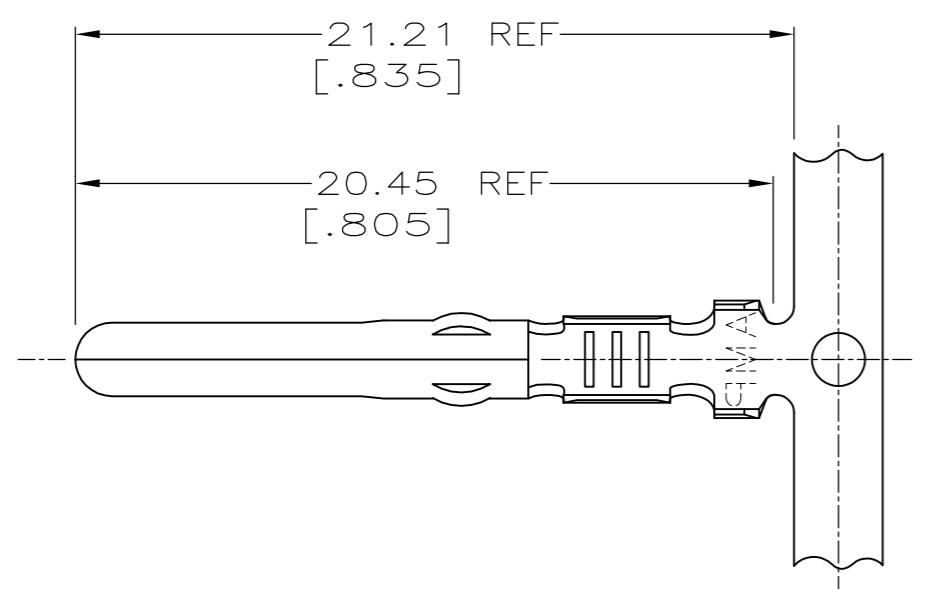
Documentation & Additional Information	
<p>Product Drawings:</p> <ul style="list-style-type: none"> • PIN, MATE-N-LOK (PDF, English) <p>Catalog Pages/Data Sheets:</p> <ul style="list-style-type: none"> • SOFT_SHELL_PIN_SOCKET_CONNECTORS_STANDARD_DENSITY (PDF, English) <p>Product Specifications:</p> 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

[List all Documents](#)

Product Features (Please use the Product Drawing for all design activity)	
<p>Product Type Features:</p> <ul style="list-style-type: none"> • Product Line = Commercial MATE-N-LOK • Product Type = Contact • Wire/Cable Type = Discrete Wire • Termination Method to Wire/Cable = Crimp • Sealed = No <p>Mechanical Attachment:</p> <ul style="list-style-type: none"> • Contact Retention = With • Contact Retention Type = Locking Lance <p>Electrical Characteristics:</p> <ul style="list-style-type: none"> • Contact - Rated Current (A) = 15 • Operating Voltage Reference = AC • Operating Voltage (VAC) = 250 <p>Termination Features:</p> <ul style="list-style-type: none"> • Wire/Cable Size (mm²) = 0.2 - 0.9 • Wire/Cable Size (AWG) = 18 - 24 <p>Body Features:</p> <ul style="list-style-type: none"> • Wire Type = Stranded <p>Contact Features:</p> <ul style="list-style-type: none"> • Contact Type = Pin • Contact Plating, Mating Area, Material = Pre-Tin • Contact Diameter (mm [in]) = 2.13 [0.084] • Contact Base Material = Brass 	<p>Industry Standards:</p> <ul style="list-style-type: none"> • RoHS/ELV Compliance = RoHS compliant, ELV compliant • Lead Free Solder Processes = Not relevant for lead free process • RoHS/ELV Compliance History = Always was RoHS compliant • VDE Tested = No <p>Environmental:</p> <ul style="list-style-type: none"> • Operating Temperature (°C [°F]) = -55 - +105 [-67 - +221] <p>Conditions for Usage:</p> <ul style="list-style-type: none"> • Applies To = Wire/Cable • For Multiple Crimp = No • Accepts Wire Insulation Diameter, Range (mm [in]) = 2.54 [0.100] • For Use With = Pin (Cap) Housing <p>Operation/Application:</p> <ul style="list-style-type: none"> • Application Use = Wire-to-Wire <p>Packaging Features:</p> <ul style="list-style-type: none"> • Packaging Method = Reel • Packaging Quantity = 8,000 <p>Other:</p> <ul style="list-style-type: none"> • Brand = AMP

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LOC	DIST	REVISIONS			
P	LTR	DESCRIPTION	DATE	OWN	APVD
CM	53	AG3	REVISED PER ECR 12-013810	24SEPT12	JR TM



- 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 PLATE OVERALL WITH 0.00127 [.000050] MIN NICKEL, THEN FLASH ENTIRE TERMINAL WITH GOLD, THEN TIP PLATE WITH 0.00076 [.000030] MIN GOLD IN THE MATING AREA.
- 4. WIRE RANGE: 0.2 - 0.9 mm² [24 - 18 AWG] .
- 5. INSULATION RANGE: 2.54 [.100] MAX DIA.
- 6. APPLICATOR TYPE: MINI.
- 7. DIMENSIONS IN BRACKETS ARE IN INCHES.

FINISH	MATERIAL	PART NO
①	0.30 [.012] BRASS	61116-7
①	0.30 [.012] PH BRZ	61116-6
②	0.30 [.012] BRASS	61116-5
PRE-TIN	0.30 [.012] PH BRZ	61116-4
-	0.30 [.012] PH BRZ	61116-3
-	0.30 [.012] BRASS	61116-2
PRE-TIN	0.30 [.012] BRASS	61116-1

METRIC

THIS DRAWING IS A CONTROLLED DOCUMENT.

DWN	T. BECK	2-18-93	TE Connectivity NAME PIN, MATE-N-LOK™
CHK	R. SWING	2-18-93	
APVD	C. MARTIN	2-24-93	
PRODUCT SPEC			
DIMENSIONS: MM [INCHES] TOLERANCES UNLESS OTHERWISE SPECIFIED: 0 PLC ± - 1 PLC ± - 2 PLC ± 0.25 [.010] 3 PLC ± - 4 PLC ± - ANGLES ± ± - FINISH SEE TABLE			APPLICATION SPEC WEIGHT SIZE CAGE CODE DRAWING NO A2 00779 C-61116
MATERIAL SEE TABLE			RESTRICTED TO
CUSTOMER DRAWING			SCALE 5:1 SHEET 1 of 1 REV AG3