



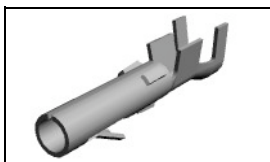
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61117-1 Product Details

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61117-1

TE Internal Number: 61117-1

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 = Socket

[View all Features](#)

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Documentation & Additional Information	
<p>Product Drawings:</p> <ul style="list-style-type: none"> • SOCKET, COMMERCIAL 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) <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 AC) • 3D Model (IGES, Version AC) • 3D Model (STEP, Version AC) 	<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) = 0.5 - 2 • Wire/Cable Size (AWG) = 14 - 20 <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 = Socket • 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]) = 3.30 [0.130] • For Use With = Commercial MATE-N-LOK housings <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 = 5,000 <p>Other:</p> <ul style="list-style-type: none"> • Brand = AMP

THIS DRAWING IS UNPUBLISHED.

RELEASED FOR PUBLICATION

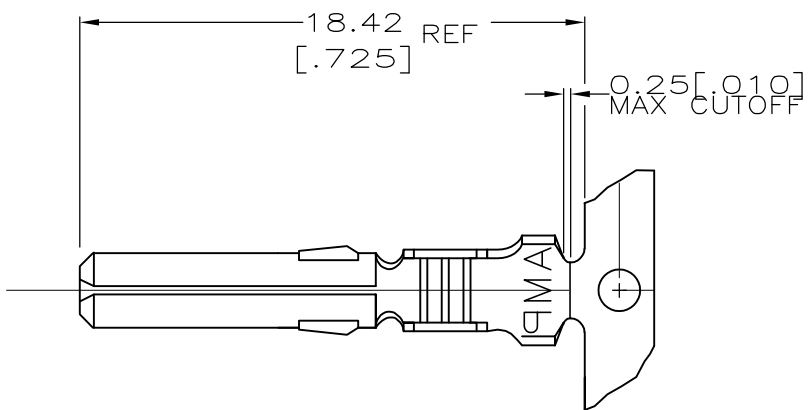
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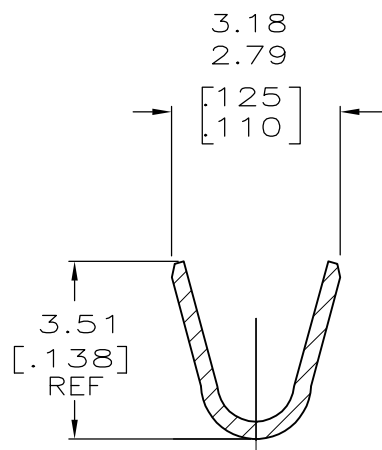
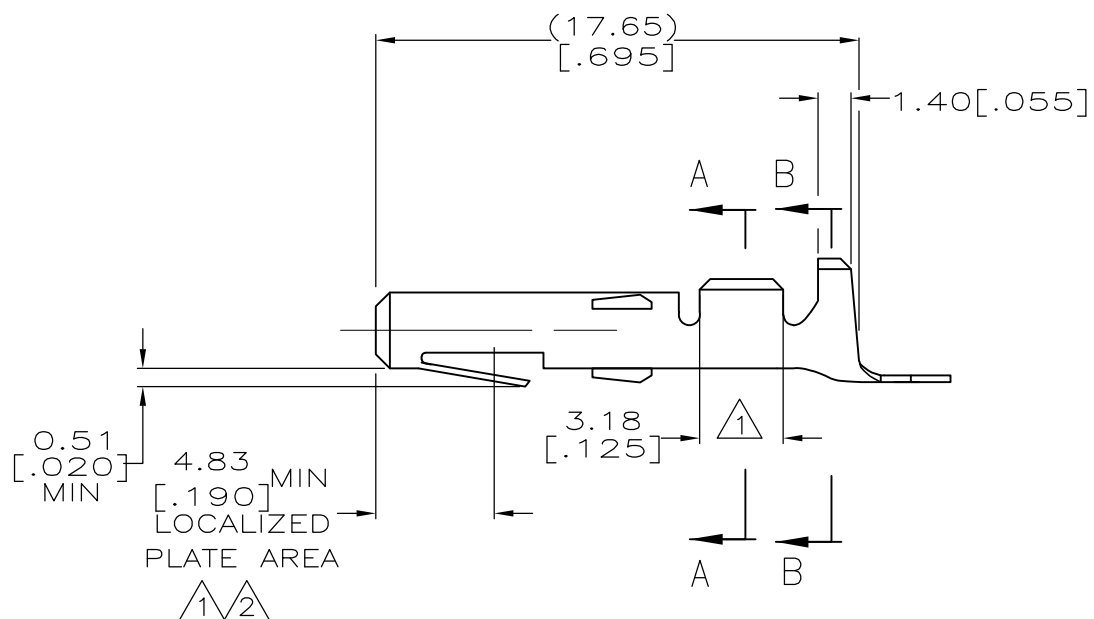
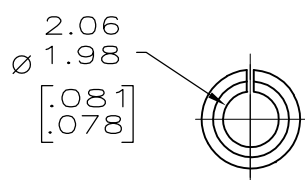
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REVISIONS

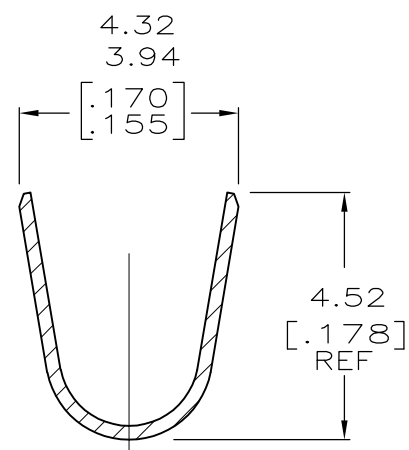
P	LTR	DESCRIPTION	DATE	DWN	APVD
	AC2	REVISED PER ECO-12-013810	25SEPT12	JR	TM



- ① 0.00076[.000030] THK GOLD IN LOCALIZED PLATING AREA AND IN WIRE BARREL; REMAINDER OF CONTACT IS NICKEL PLATED.
- ② 0.00076[.000030] THK GOLD IN LOCALIZED PLATING AREA; REMAINDER OF CONTACT IS NICKEL PLATED.
- 3. DIMENSIONS IN BRACKETS ARE IN INCHES.



SECTION A-A SCALE 10:1



SECTION B-B SCALE 10:1

	APPLICATOR TYPE	FINISH	MATERIAL	PART NO
-	MINI	GOLD ②	0.30 [.012] BRASS	61117-7
60619-7	MINI	GOLD ①	0.30 [.012] PH BZ	61117-6
60619-5	MINI	GOLD ①	0.30 [.012] BRASS	61117-5
-	MINI	TIN	0.30 [.012] PH BZ	61117-4
-	MINI	-	0.30 [.012] BRASS	61117-2
60619-1	MINI	TIN	0.30 [.012] BRASS	61117-1

THIS DRAWING IS A CONTROLLED DOCUMENT.

DWN K. WHITAKER 01MAR2005
 CHK D. COLEY 01MAR2005
 APVD D. COLEY 01MAR2005

STE TE Connectivity

NAME: SOCKET, COMMERCIAL MATE-N-LOK™

PRODUCT SPEC: -
 APPLICATION SPEC: -
 WEIGHT: -

MATERIAL: 20-14 AWG
 FINISH: 3.30[.130] DIA MAX

SIZE: A3 CAGE CODE: 00779 DRAWING NO: C-61117 RESTRICTED TO: -

CUSTOMER DRAWING SCALE: 5:1 SHEET: 1 OF 1 REV: AC2