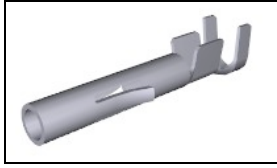


## 350536-6 Product Details



**350536-6**

TE Internal Number: 350536-6



**.250" Centerline, 600 V, 19 - 36 A max**



**Product Highlights:**

- Universal MATE-N-LOK Product Line
- Wire-to-Wire
- Applies To Wire/Cable
- Contact
- Contact Type = Socket

**Documentation & Additional Information**

**Product Drawings:**

- [SOCKET, UNIVERSAL MATE-N-LOK](#) (PDF, English)

**Catalog Pages/Data Sheets:**

- [SOFT\\_SHELL\\_PIN\\_SOCKET\\_CONNECTORS\\_STANDARD\\_DENSITY](#) (PDF, English)

**Product Specifications:**

- None Available

**Application Specifications:**

- [Universal MATE-N-LOK Connectors](#) (PDF, English)

**Instruction Sheets:**

- None Available

**CAD Files:** ([CAD Format & Compression Information](#))

- [2D Drawing](#) (DXF, Version AC)
- [3D Model](#) (IGES, Version AC)
- [3D Model](#) (STEP, Version AC)

**Additional Information:**

- [Product Line Information](#)

**Related Products:**

- [Tooling](#)
- [Housings \(206\)](#)

**Product Features (Please use the Product Drawing for all design activity)**

**Product Type Features:**

- Product Line = Universal MATE-N-LOK
- Product Type = Contact
- Termination Method to Wire/Cable = Crimp
- Strain Relief = Without
- Sealed = No
- Wire/Cable Type = Discrete Wire
- UL File Number = E28476
- CSA File Number = LR 16455

**Mechanical Attachment:**

- Contact Retention = With
- Contact Retention Type = Locking Lance

**Electrical Characteristics:**

- Contact - Rated Current (A) = 19
- Operating Voltage Reference = AC
- Operating Voltage (VAC) = 600

**Termination Features:**

- Wire/Cable Size (mm<sup>2</sup>) = 0.5 - 2
- Wire/Cable Size (AWG) = 14 - 20

**Body Features:**

- Wire Type = Stranded
- Underplate Material Thickness (µm [µin]) = 1.27 [50.000]

**Contact Features:**

- Contact Type = Socket
- Contact Style = Solid
- Contact Base Material = Phosphor Bronze
- Contact Plating, Mating Area, Material = Gold
- Multiple Contact Types = Without
- Contact Plating, Mating Area, Thickness (µm [µin]) = 0.76 [29.92]
- Underplate Material = Nickel

**Industry Standards:**

- Agency/Standard = CSA, UL
- [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 = Yes
- UL Rating = Recognized
- CSA Rating = Certified

**Environmental:**

- Operating Temperature (°C [°F]) = -55 - +125 [-67 - +257]

**Conditions for Usage:**

- Applies To = Wire/Cable
- Glow Wire Rating = Standard Part - Not Glow Wire
- Accepts Wire Insulation Diameter, Range (mm [in]) = 1.52 - 3.30 [0.060 - 0.130]
- For Use With = Splash Proof Seal and Universal Mate-N-LOK Plug and Cap Housing

**Operation/Application:**

- Application Use = Wire-to-Wire

**Packaging Features:**

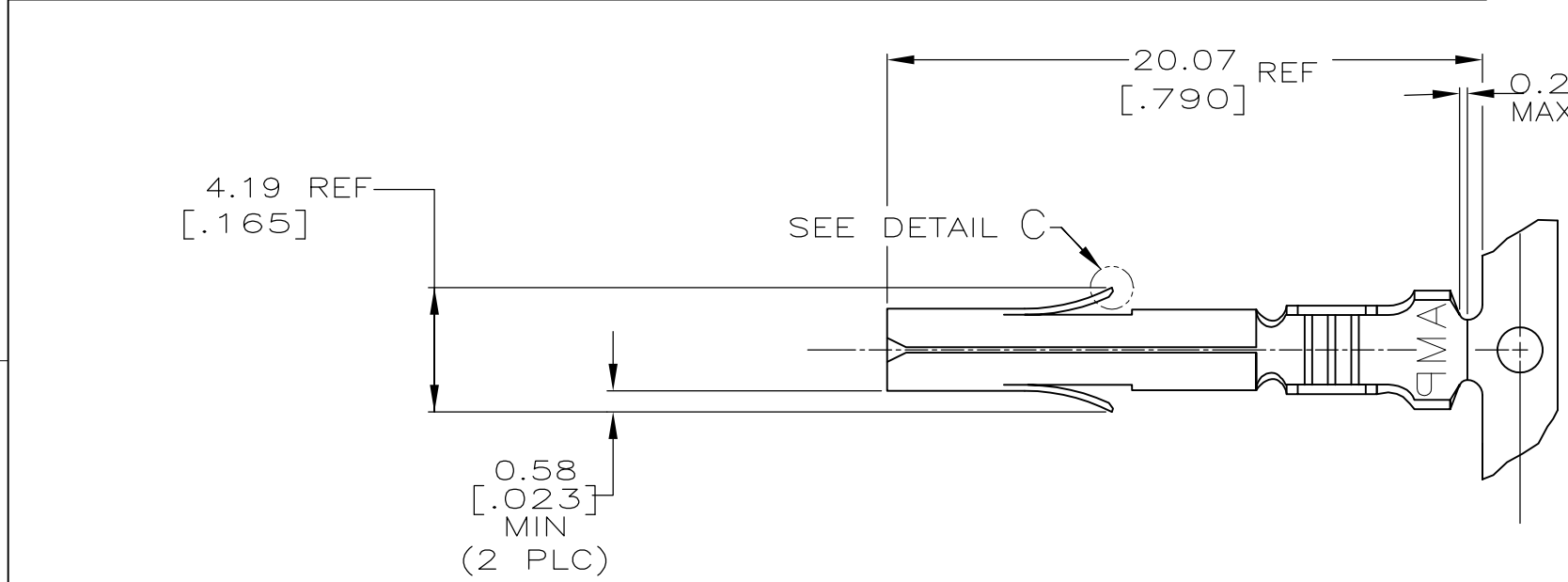
- Packaging Method = Reel
- Packaging Quantity = 5,000

**Other:**

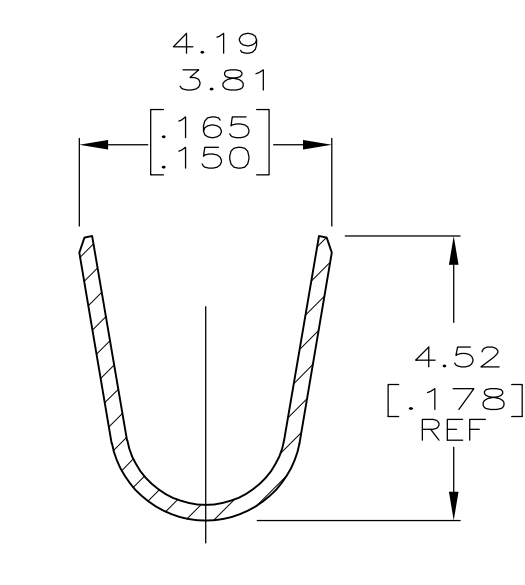
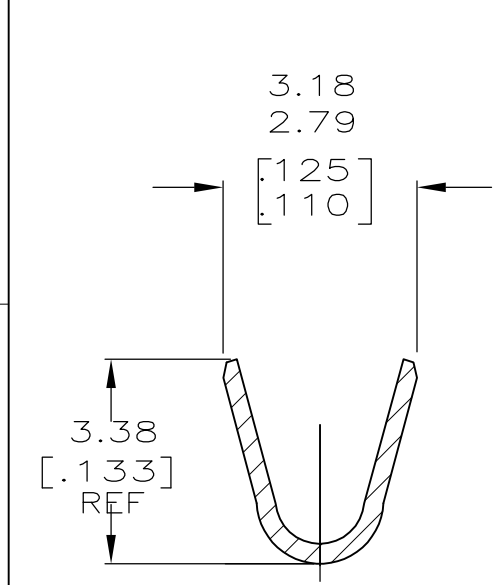
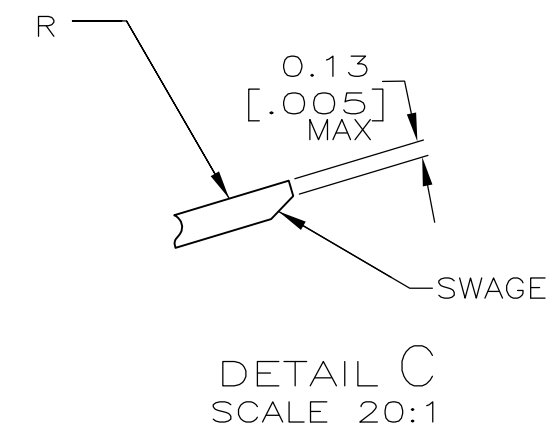
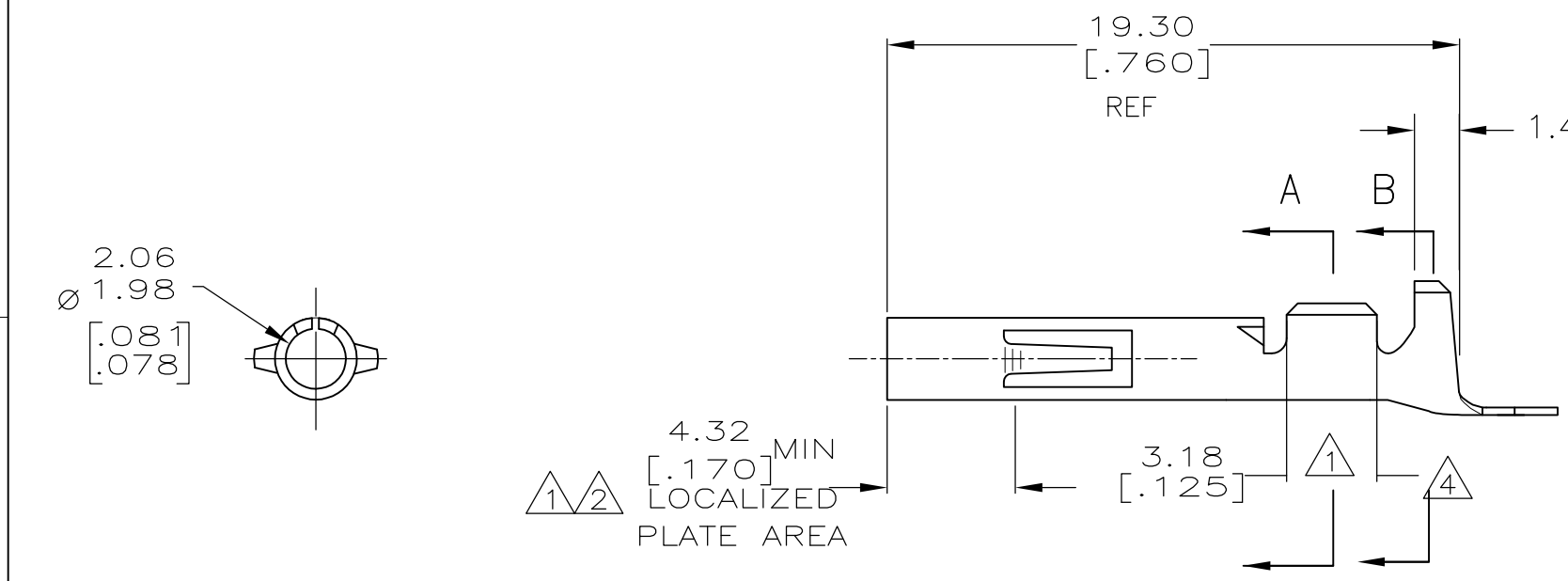
- Brand = AMP

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LOC	DIST	REVISIONS					
CM	00	P	LTR	DESCRIPTION	DATE	DWN	APVD
			AD1	REVISED PER ECR-13-012642	08AUG13	JR	TM



- 1 0.00076[.000030] THK GOLD OVER NICKEL ON INSIDE OF RECEPTACLE AND WIRE BARREL; REMAINDER OF CONTACT IS NICKEL PLATED.
- 2 0.00076[.000030] THK GOLD ON INSIDE OF RECEPTACLE; REMAINDER OF CONTACT IS NICKEL PLATED.
- 3 DIMENSIONS IN BRACKETS ARE IN INCHES.
- 4 PRELIMINARY, NOT FOR PRODUCTION.
- 5 OBSOLETE PARTS: OBSOLETE CIS STREAMLINING PER D.RENAUD/D.SINISIA
- 6 INSULATION RANGE: 1.52-3.30 [.060-.130] DIA.



4			TIN	0.30 [.012] BE CU	1-350536-0
5	OBSOLETE	STANDARD	TIN	0.30 [.012] PH BZ	-350536-9-
	350550-7	MINI	GOLD 2	0.30 [.012] BRASS	350536-7
	350550-6	MINI	GOLD 2	0.30 [.012] PH BZ	350536-6
	350550-3	MINI	TIN	0.30 [.012] PH BZ	350536-3
	350550-2	MINI	GOLD 1	0.30 [.012] BRASS	350536-2
	350550-1	MINI	TIN	0.30 [.012] BRASS	350536-1
	LOOSE PIECE (REF)	APPLICATOR TYPE	FINISH	MATERIAL	PART NUMBER

THIS DRAWING IS A CONTROLLED DOCUMENT.

DWN	K. WHITAKER	07NOV2003	TE Connectivity SOCKET, UNIVERSAL MATE-N-LOK™	SIZE A3	CAGE CODE 00779	DRAWING NO C-350536	RESTRICTED TO -	
CHK	S. RIDGILL	07-NOV-03						
APVD	S. RIDGILL	07-NOV-03						
PRODUCT SPEC								
APPLICATION SPEC			SCALE	4:1	SHEET	1 OF 1	REV	AD1

CUSTOMER DRAWING