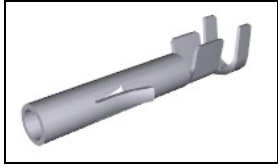


350536-3 Product Details



350536-3

TE Internal Number: 350536-3



.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 (mm²) = 0.5 - 2
- Wire/Cable Size (AWG) = 14 - 20

Body Features:

- Wire Type = Stranded

Contact Features:

- Contact Type = Socket
- Contact Style = Solid
- Contact Base Material = Phosphor Bronze
- Contact Plating, Mating Area, Material = Tin
- Multiple Contact Types = Without

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:

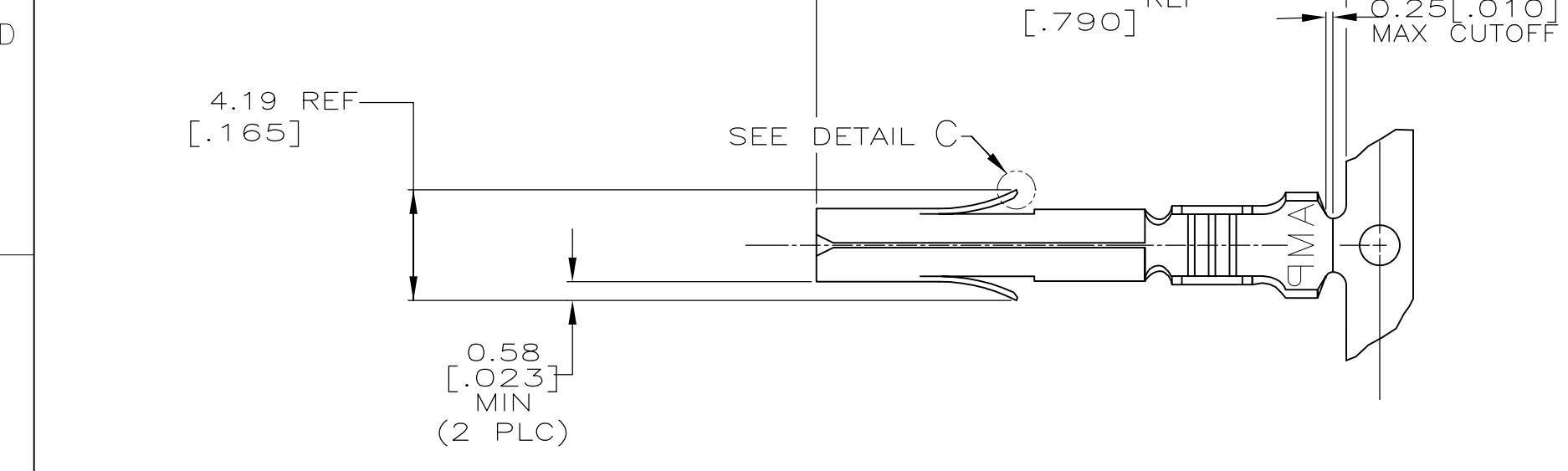
- Packaging Method = Reel
- Packaging Quantity = 5,000

Other:

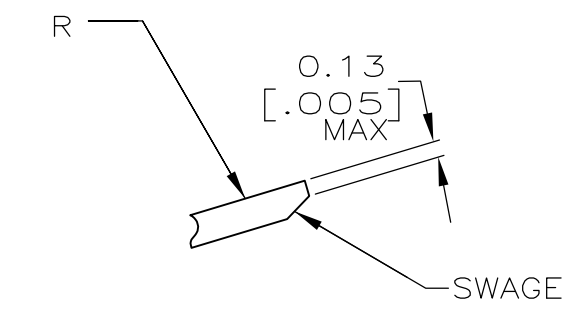
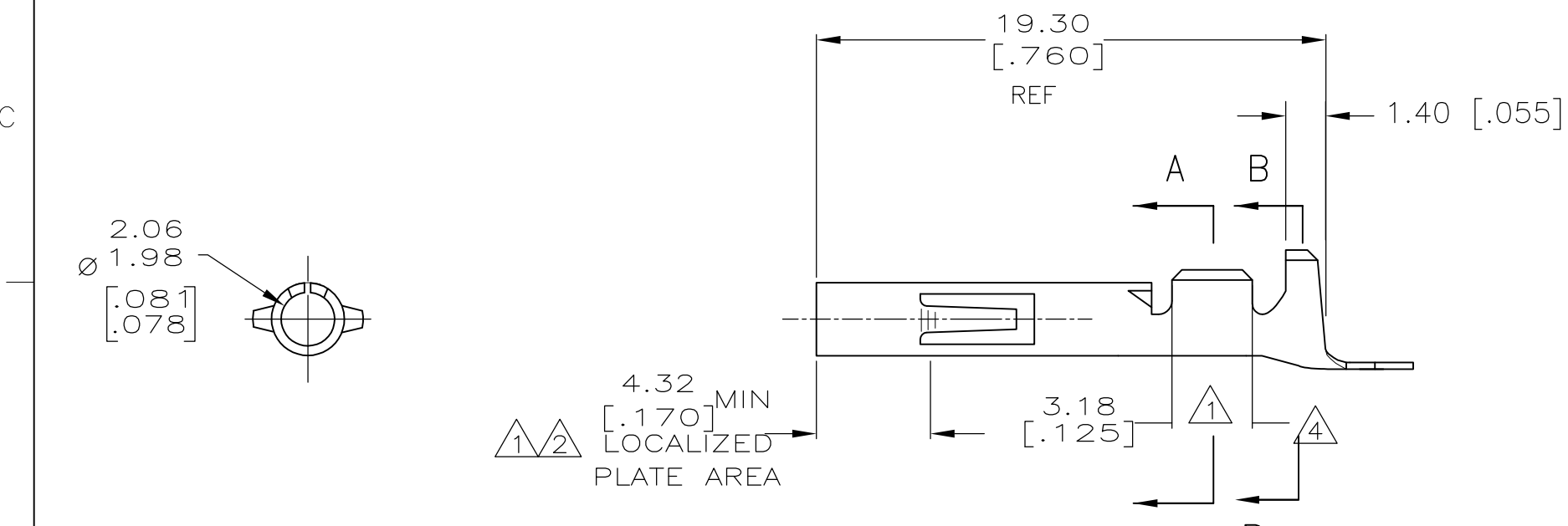
- Brand = AMP

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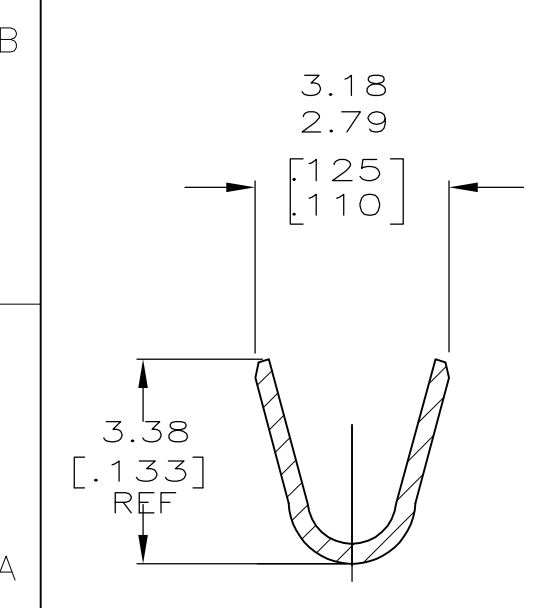
LOC	DIST	REVISIONS					
CM	00	P	LTR	DESCRIPTION	DATE	DWN	APVD
			AD1	REVISED PER ECR-13-012642	08AUG13	JR	TM



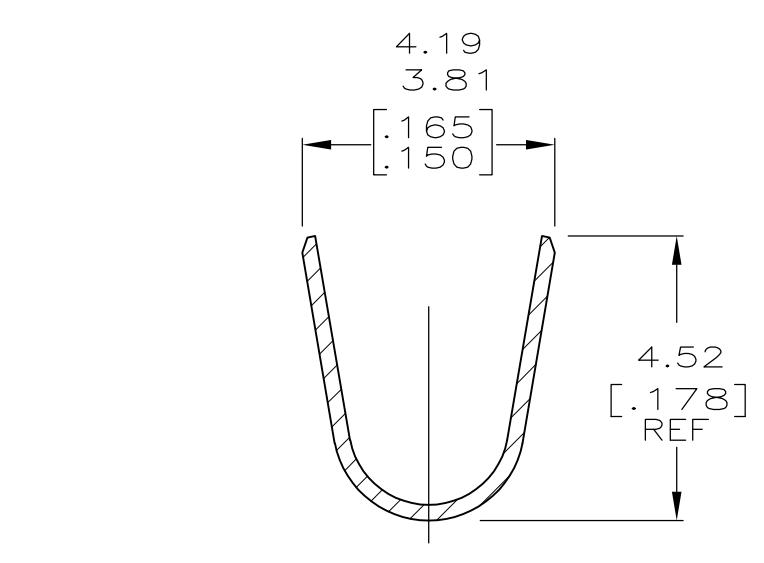
- 1 0.00076[.000030] THK GOLD OVER NICKEL ON INSIDE OF RECEPTACLE AND WIRE BARREL; REMAINDER OF CONTACT IS NICKEL PLATED.
- 2 0.00076[.000030] THK GOLD ON INSIDE OF RECEPTACLE; REMAINDER OF CONTACT IS NICKEL PLATED.
- 3 DIMENSIONS IN BRACKETS ARE IN INCHES.
- 4 PRELIMINARY, NOT FOR PRODUCTION.
- 5 OBSOLETE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



DETAIL C
SCALE 20:1



SECTION A-A
SCALE 10:1



SECTION B-B
SCALE 10:1

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.	
DIMENSIONS: mm [INCHES]	TOLERANCES UNLESS OTHERWISE SPECIFIED:
0 PLC ± -	1 PLC ± -
1 PLC ± -	2 PLC ± 0.13 [.005]
2 PLC ± -	3 PLC ± -
3 PLC ± -	4 PLC ± -
4 PLC ± -	ANGLES ± -
MATERIAL	FINISH
-	-

THIS DRAWING IS A CONTROLLED DOCUMENT.

DWN K. WHITAKER 07NOV2003
 CHK S. RIDGILL 07-NOV-03
 APVD S. RIDGILL 07-NOV-03

STE TE Connectivity

NAME: SOCKET, UNIVERSAL MATE-N-LOK™

PRODUCT SPEC: -
 APPLICATION SPEC: -
 WEIGHT: -

SIZE: A3 CAGE CODE: 00779 DRAWING NO: C-350536 RESTRICTED TO: -

CUSTOMER DRAWING SCALE: 4:1 SHEET: 1 OF 1 REV: AD1