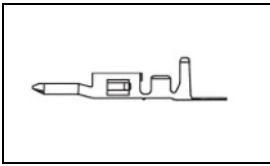


794955-3 Product Details

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794955-3

TE Internal Number: 794955-3
✔ Active

[View 3D PDF](#)

VAL-U-LOK Series Connector System

✔ Always EU RoHS/ELV Compliant (Statement of Compliance)

Product Highlights:

- Wire-to-Wire
- Applies To Wire/Cable
- Contact
- Glow Wire Rating = Standard Part - Not Glow Wire
- Contact Type = Pin

[View all Features](#)

Quick Links

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

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

Documentation & Additional Information

Product Drawings:

- [TERMINAL PIN VAL-U-LOK\(TM\)](#) (PDF, English)

Catalog Pages/Data Sheets:

- [SOFT_SHELL_PIN_AND_SOCKET_CONNECTORS_CATALOG](#) (PDF, English)

Product Specifications:

- [VAL-U-LOK Connectors](#) (PDF, English)

Application Specifications:

- [VAL-U-LOK Series Headers and Connectors](#) (PDF, English)

Instruction Sheets:

- None Available

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

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

[List all Documents](#)

Related Products:

- [Tooling](#)

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

Product Type Features:

- Product Type = Contact
- Termination Method to Wire/Cable = Crimp
- Strain Relief = With
- UL File Number = E28476
- CSA File Number = 208567

Electrical Characteristics:

- Contact Current Rating, Max. (A) = 9
- Operating Voltage Reference = AC
- Operating Voltage (VAC) = 600

Termination Features:

- Wire/Cable Size (AWG) = 18 - 24
- Wire/Cable Size (mm²) = 0.2 - 0.8

Dimensions:

- Length (X-Axis) (mm [in]) = 16.80 [0.6614]

Body Features:

- Strain Relief Type = Insulation Crimp

Contact Features:

- Contact Type = Pin
- Contact Base Material = Phosphor Bronze
- Contact Plating, Mating Area, Material = Pre-Tin
- Contact Plating, Mating Area, Thickness (µm [µin]) = 2.54 [100]
- Contact Design = Formed Pin

Industry Standards:

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

Environmental:

- Operating Temperature (°C [°F]) = -40 - +105 [-40 - +221]

Conditions for Usage:

- Applies To = Wire/Cable
- Glow Wire Rating = Standard Part - Not Glow Wire

Operation/Application:

- Application Use = Wire-to-Wire
- Contact Transmits (Typical Application) = Signal (Data)

Packaging Features:

- Packaging Method = Strip

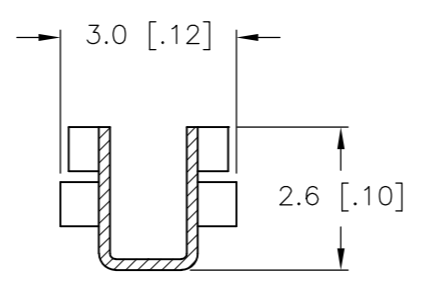
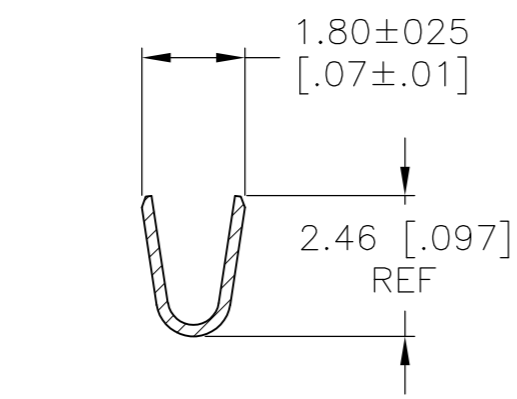
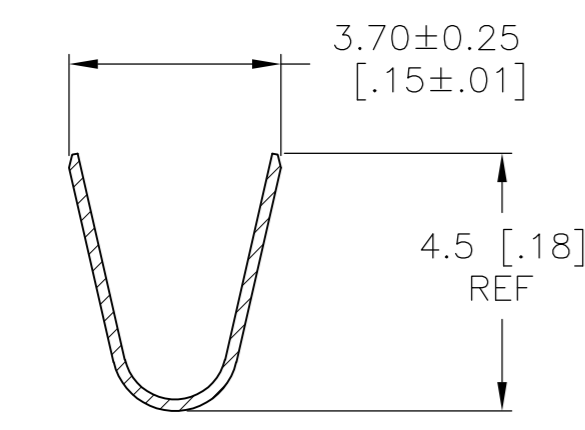
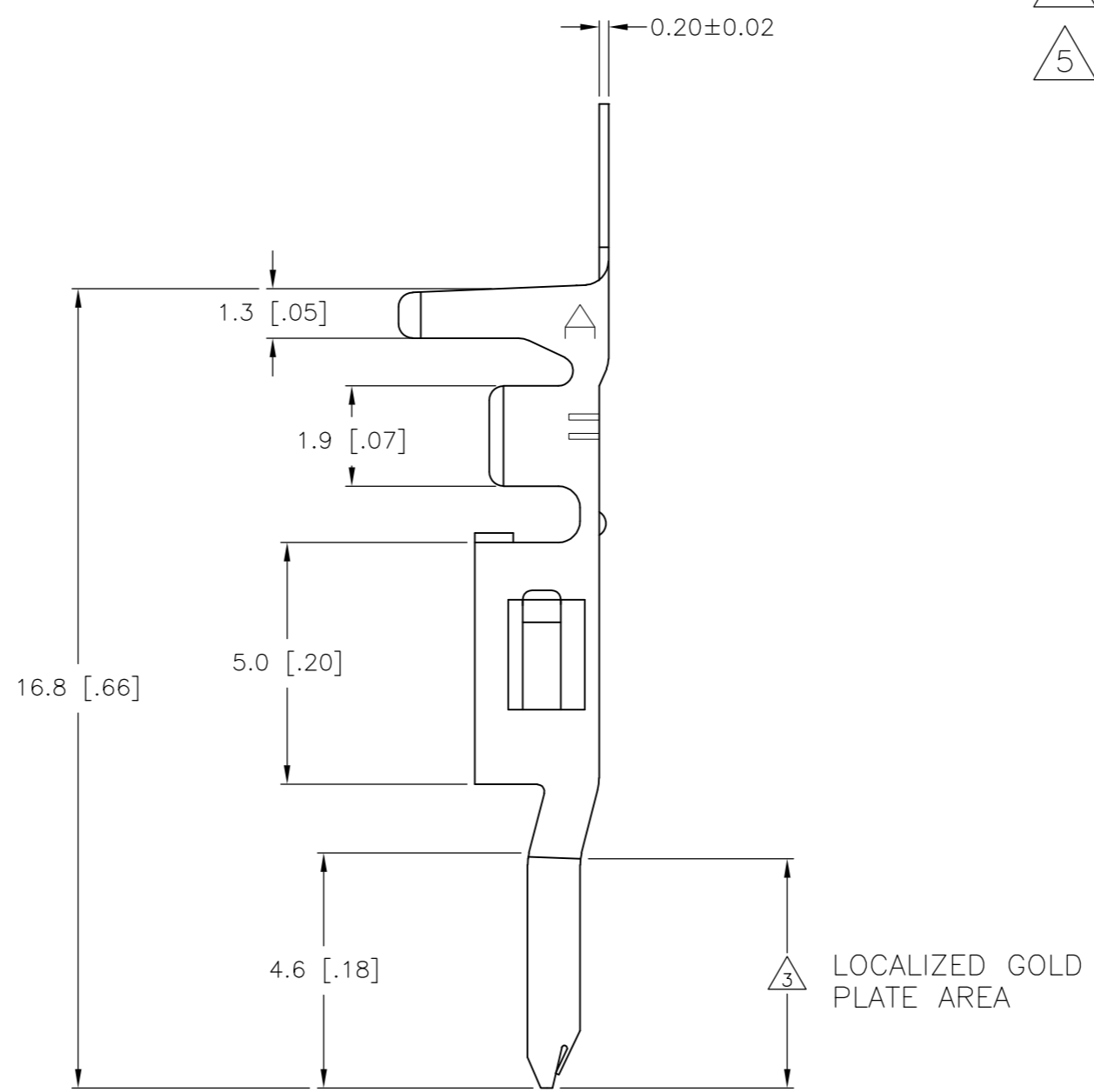
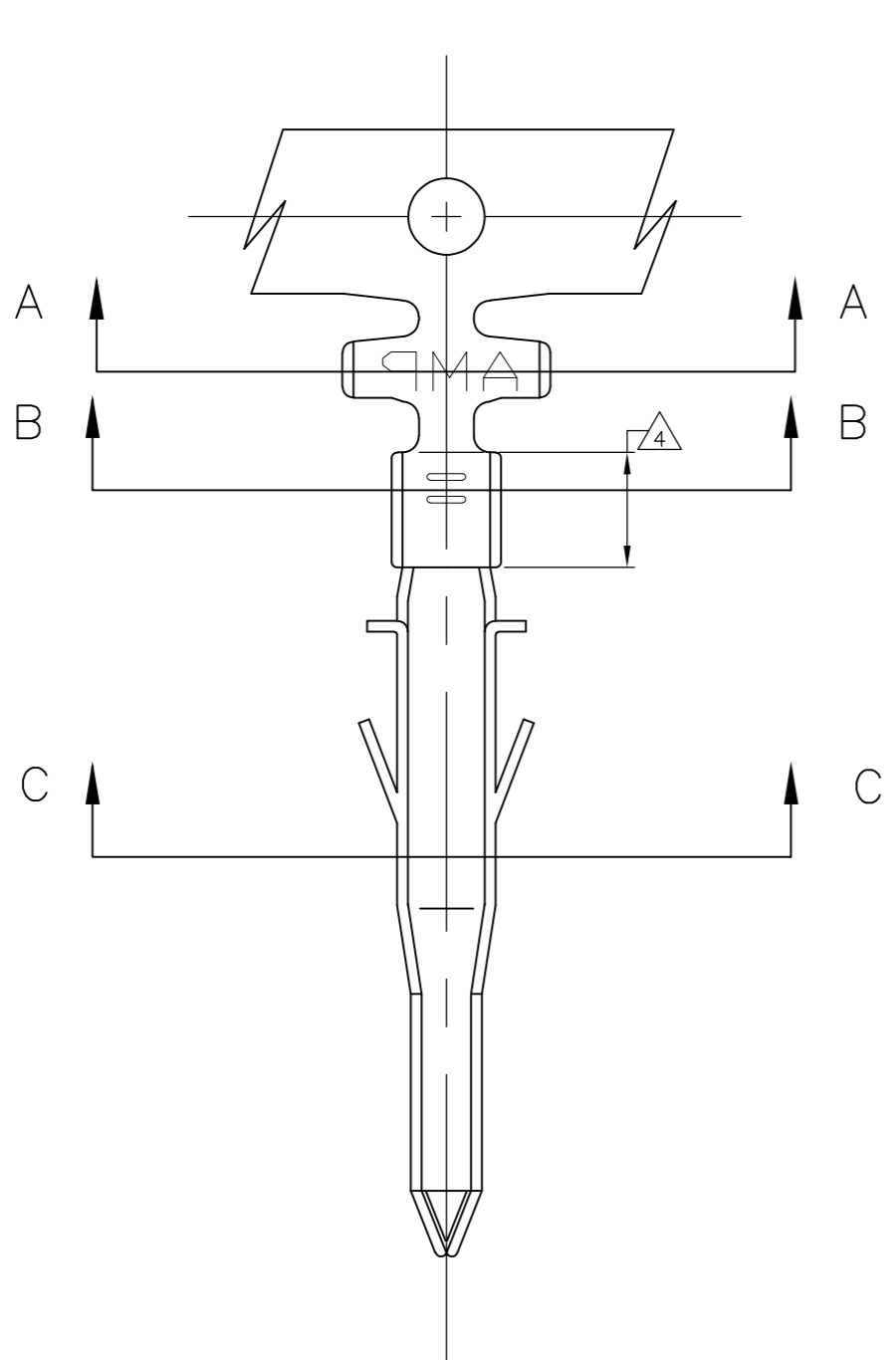
Other:

- Brand = AMP

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LOC		DIST		REVISIONS			
P	LTR	DESCRIPTION		DATE	DWN	APVD	
CM	00	H3		REVISED PER ECR 13-011079	11JUL13	JR	KR

- 1 WIRE RANGE: 0.3-0.82mm² (22-18 AWG)
- 2 INSULATION RANGE: 1.50 - 3.10 DIA.
- 3 FINISH: 0.76μm MINIMUM GOLD IN LOCALIZED GOLD PLATE AREA OVER 1.27μm MINIMUM NICKEL.
- 4 FINISH: 2.54μm MINIMUM PRE-TIN IN LOCALIZED TIN PLATE AREA.
- 5 FINISH: 2.54μm MINIMUM PRE-TIN ALL OVER.

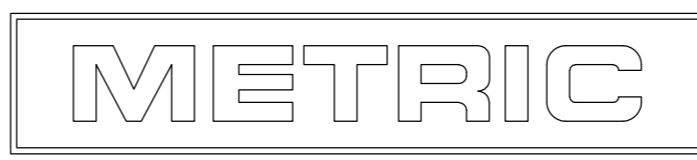


SECTION A-A

SECTION B-B

SECTION C-C

GOLD 3 4	PHOS. BRZ.	794955-4
PRE-TIN 5	PHOS. BRZ.	794955-3
GOLD 3 4	BRASS	794955-2
PRE-TIN 5	BRASS	794955-1
FINISH	MATERIAL	PART NO.



THIS DRAWING IS A CONTROLLED DOCUMENT.		DWN S. HAMM 07-SEP-2001		
DIMENSIONS: mm [INCHES]		CHK D. COLEY 07-SEP-2001		
TOLERANCES UNLESS OTHERWISE SPECIFIED:		APVD D. COLEY 07-SEP-2001	NAME	
0 PLC ±		PRODUCT SPEC	TERMINAL PIN VAL-U-LOK(TM)	
1 PLC ± 0.25 [.010]		APPLICATION SPEC	SIZE A2	CAGE CODE 00779
2 PLC ± 0.15 [.006]		WEIGHT	DRAWING NO C=794955	RESTRICTED TO -
3 PLC ±		CUSTOMER DRAWING	SCALE 10:1	SHEET 1 of 1
4 PLC ±			REV H3	
ANGLES ±				
FINISH				