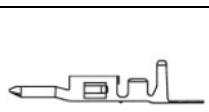


1586840-3 Product Details

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1586840-3

TE Internal Number: 1586840-3



VAL-U-LOK Series Connector System



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](#)

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Documentation & Additional Information

Product Drawings:

- [TERMINAL, PIN \(LOOSE PIECE\) 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:

- None Available

[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) = 16
- Wire/Cable Size (mm²) = 1.25 - 1.4

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:

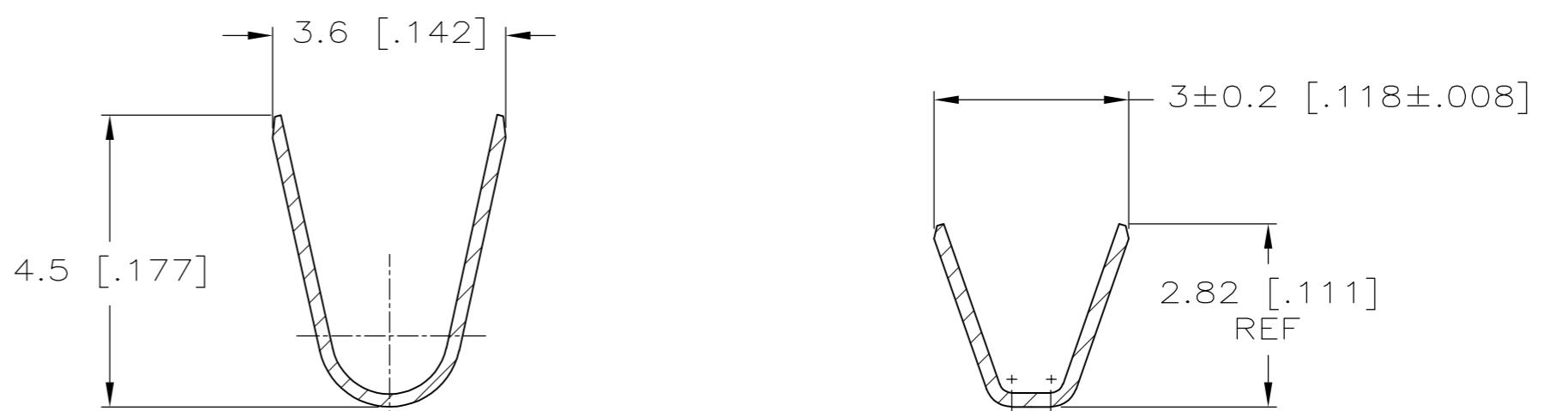
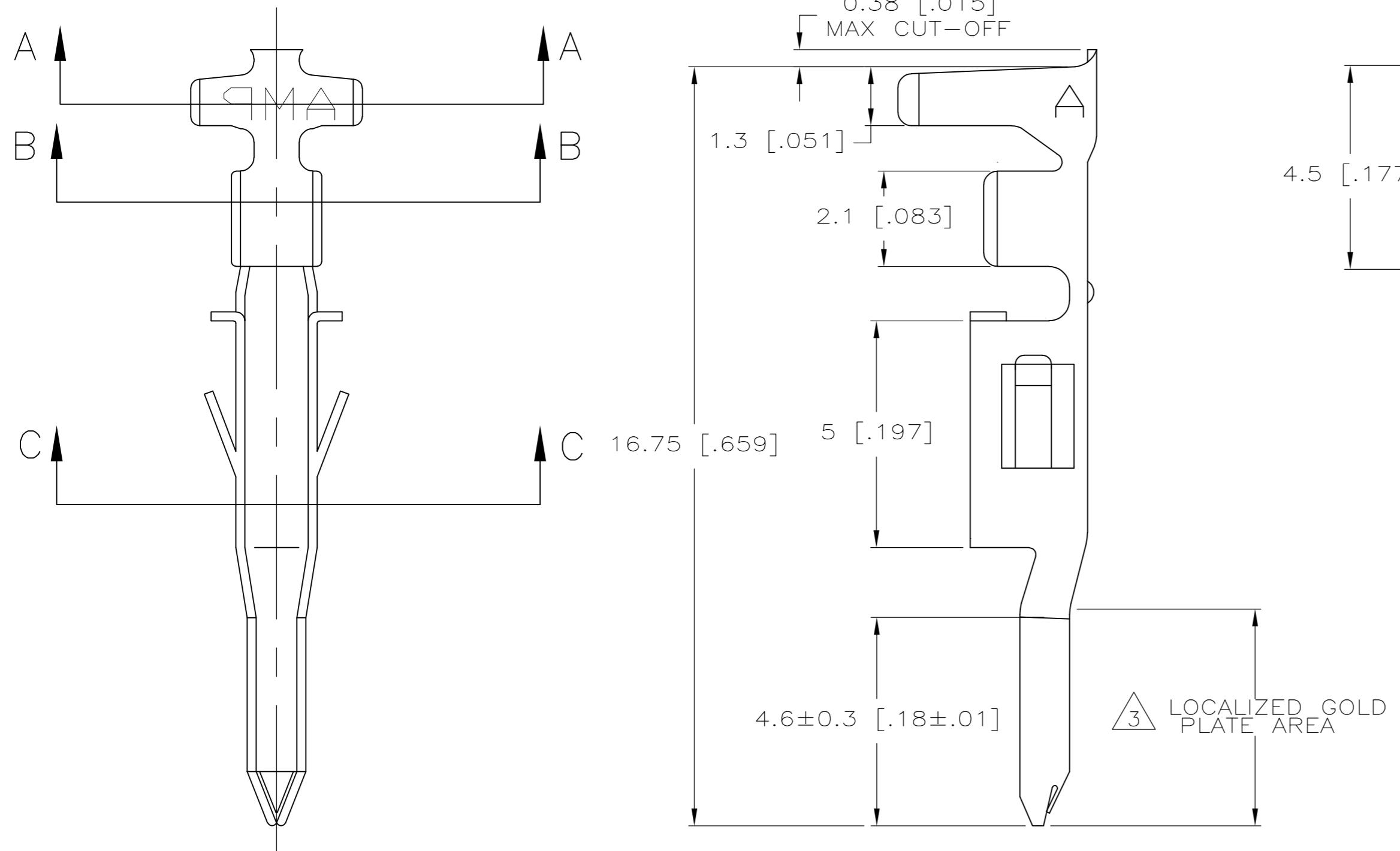
- Application Use = Wire-to-Wire
- Contact Transmits (Typical Application) = Signal (Data)

Packaging Features:

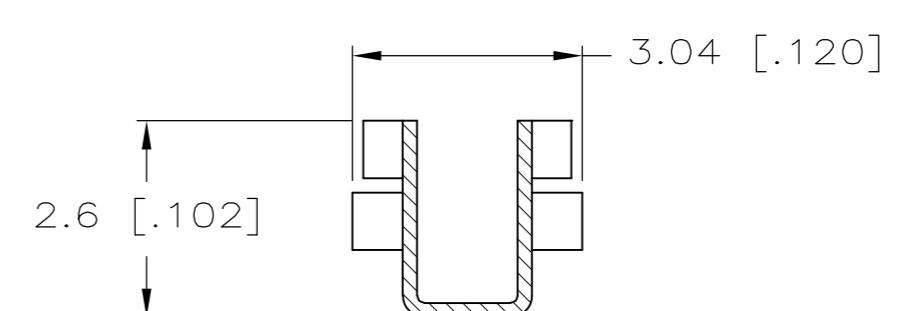
- Packaging Method = Loose Piece/Bulk

Other:

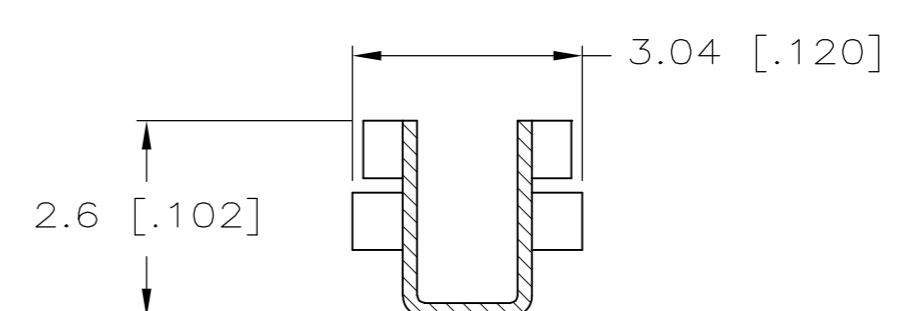
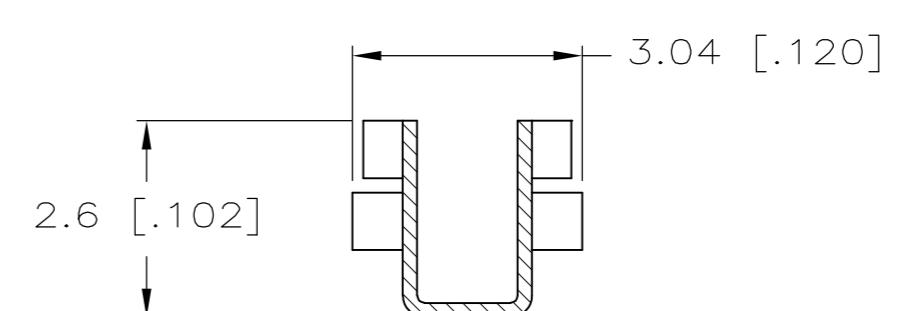
- Brand = TE Connectivity



SECTION A-A



SECTION B-B



	PHOS. BRZ.	1586840-4
PRE-TIN	PHOS. BRZ.	1586840-3
	BRASS	1586840-2
PRE-TIN	BRASS	1586840-1
FINISH	MATERIAL	PART NO.

THIS DRAWING IS A CONTROLLED DOCUMENT.		DWNR K. WHITAKER 04APR2007	Tyco Electronics Corporation	
DIMENSIONS: mm [INCHES]		TOLERANCES UNLESS OTHERWISE SPECIFIED:	CHK C.CASH 04APR2007	
0 PLC ± 1 PLC ± 2 PLC ± 0.13 [.005] 3 PLC ± 4 PLC ± 0.13 [.005] ANGLES ± 0°30'		C. CASH 04APR2007	APVD C. CASH 04APR2007	
PRODUCT SPEC		APPLICATION SPEC	NAME	
MATERIAL		FINISH	TERMINAL, PIN (LOOSE PIECE) VAL-U-LOK(TM)	
WEIGHT			SIZE CAGE CODE DRAWING NO	
A2 00779 C-1586840			RESTRICTED TO	
CUSTOMER DRAWING			SCALE 10:1 SHEET 1 OF 1 REV B1	

METRIC