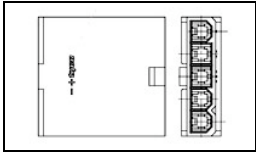


1586104-3 Product Details

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1586104-3

TE Internal Number: 1586104-3

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
- Connector
- Glow Wire Rating = Standard Part - Not Glow Wire
- Housing

[View all Features](#)

Quick Links

- ▶ [Pricing & Availability](#)
- ▶ [Search for Tooling](#)
- ▶ [View Mating Products \(1\)](#)
- ▶ [Product Feature Selector](#)
- ▶ [Contact Us About This Product](#)

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Documentation & Additional Information

Product Drawings:

- [HOUSING, FREE HANGING PLUG, SINGLE ROW, 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 B)
- [3D Model](#) (IGES, Version B)
- [3D Model](#) (STEP, Version B)

[List all Documents](#)

Related Products:

- [Tooling](#)
- [Mating Products \(1\)](#)

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

Product Type Features:

- Product Type = Connector
- Connector Type = Housing
- Sealed = No
- UL File Number = E28476
- CSA File Number = 208567

Mechanical Attachment:

- Mating Retention Type = Latching

Electrical Characteristics:

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

Termination Features:

- Termination Method to Wire/Cable = Crimp

Dimensions:

- Length (X-Axis) (mm [in]) = 13.80 [0.543]
- Width (Z-Axis) (mm [in]) = 23.90 [0.940]
- Profile Height (Y-Axis) (mm [in]) = 7.40 [0.291]

Body Features:

- Mating Retention = With
- Selectively Loaded = No

Contact Features:

- Contact Type = Pin
- Contact Design = Formed Pin

Housing Features:

- Connector Style = Plug
- Centerline (mm [in]) = 4.20 [0.165]
- Mating Alignment = With
- Mating Alignment Type = Keyed
- Housing Color = Natural
- UL Flammability Rating = UL 94V-0

Configuration Features:

- Number of Positions = 3
- Number of Rows = 1

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

Identification Marking:

- Circuit Identification Feature = With

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)
- Pick and Place Cover = Without

Packaging Features:

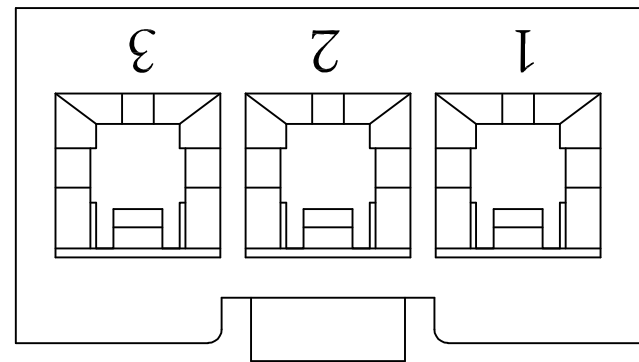
- Packaging Method = Bag

Other:

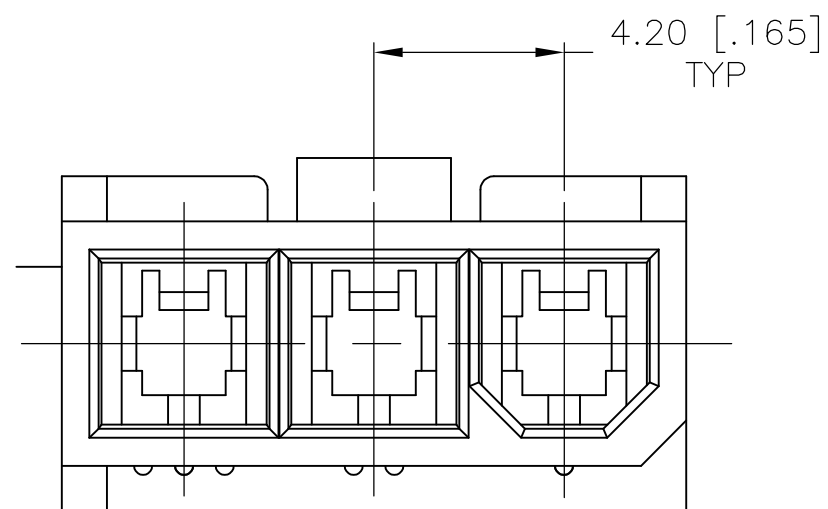
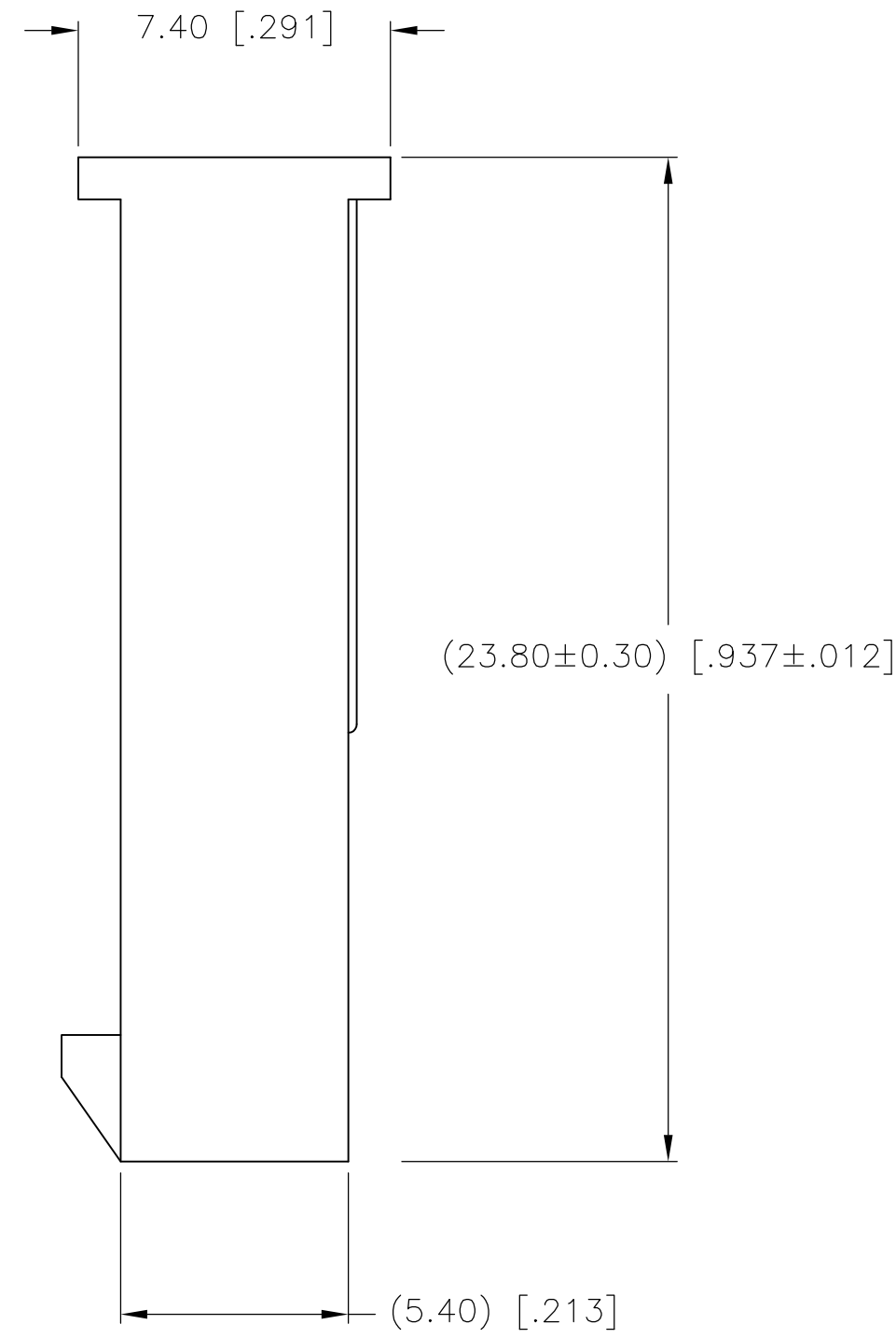
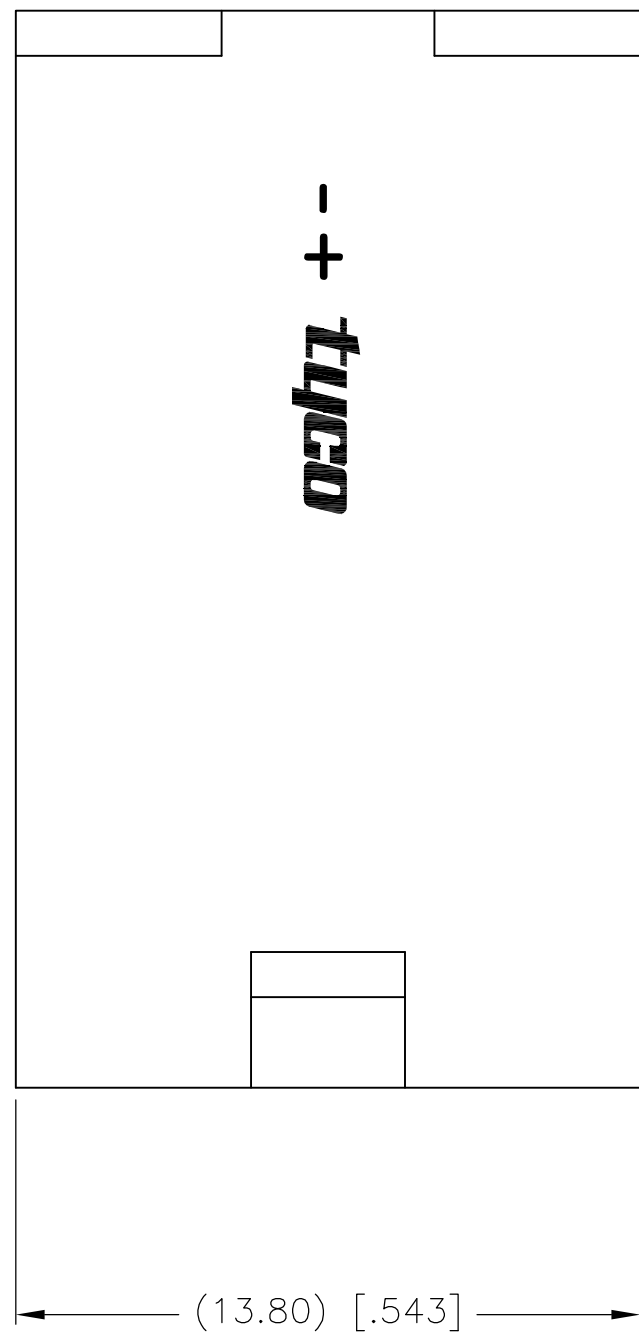
- Brand = AMP

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LOC	DIST	REVISIONS			
P	LTR	DESCRIPTION	DATE	DWN	APVD
CM	00	A1	REVISED PER ECO-08-017870	22JUL08	HMR CC



1 MATERIAL: NYLON UL94V-0.



1586104-3
PART NO.

THIS DRAWING IS A CONTROLLED DOCUMENT.		DWN S. HOOVER 23-APR-2004	Tyco Electronics Corporation Harrisburg, PA 17105-3608	
DIMENSIONS: mm [INCHES]		CHK D. COLEY 23-APR-2004	NAME HOUSING, FREE HANGING PLUG, SINGLE ROW, VAL-U-LOK(TM)	
TOLERANCES UNLESS OTHERWISE SPECIFIED:		APVD D. COLEY 23-APR-2004	SIZE A2	CAGE CODE 00779
0 PLC ±	1 PLC ±	PRODUCT SPEC	DRAWING NO C=1586104	RESTRICTED TO
2 PLC ± 0.13 [.005]	3 PLC ±	APPLICATION SPEC	SCALE 1:1	SHEET 1 of 1
4 PLC ±	ANGLES ± 0°30'	WEIGHT	REV A1	
MATERIAL NYLON 66 UL94V-0	FINISH	CUSTOMER DRAWING		

METRIC