



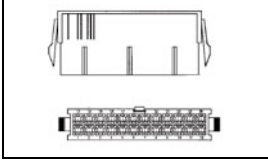
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## 794953-2 Product Details

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**794953-2**

TE Internal Number: 794953-2

Active

### 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](#)

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Documentation & Additional Information	
<p><b>Product Drawings:</b></p> <ul style="list-style-type: none"> <li>• <a href="#">PANEL MOUNT PLUG HOUSING, VAL-U-LOK(TM)</a> (PDF, English)</li> </ul> <p><b>Catalog Pages/Data Sheets:</b></p> <ul style="list-style-type: none"> <li>• <a href="#">SOFT_SHELL_PIN_AND_SOCKET_CONNECTORS_CATALOG</a> (PDF, English)</li> </ul> <p><b>Product Specifications:</b></p> <ul style="list-style-type: none"> <li>• <a href="#">VAL-U-LOK Connectors</a> (PDF, English)</li> </ul> <p><b>Application Specifications:</b></p> <ul style="list-style-type: none"> <li>• <a href="#">VAL-U-LOK Series Headers, Connectors and TPA Accessories</a> (PDF, English)</li> </ul> <p><b>Instruction Sheets:</b></p> <ul style="list-style-type: none"> <li>• None Available</li> </ul> <p><b>CAD Files:</b></p> <ul style="list-style-type: none"> <li>• None Available</li> </ul>	<p><b>Related Products:</b></p> <ul style="list-style-type: none"> <li>• <a href="#">Tooling</a></li> <li>• <a href="#">Mating Products (2)</a></li> </ul>

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Product Features (Please use the Product Drawing for all design activity)	
<p><b>Product Type Features:</b></p> <ul style="list-style-type: none"> <li>• Product Type = Connector</li> <li>• Connector Type = Housing</li> <li>• Sealed = No</li> <li>• CSA File Number = 208567</li> </ul> <p><b>Mechanical Attachment:</b></p> <ul style="list-style-type: none"> <li>• Mating Retention Type = Latching</li> </ul> <p><b>Electrical Characteristics:</b></p> <ul style="list-style-type: none"> <li>• Contact Current Rating, Max. (A) = 9</li> <li>• Operating Voltage Reference = AC</li> <li>• Operating Voltage (VAC) = 600</li> </ul> <p><b>Termination Features:</b></p> <ul style="list-style-type: none"> <li>• Termination Method to Wire/Cable = Crimp</li> </ul> <p><b>Dimensions:</b></p> <ul style="list-style-type: none"> <li>• Length (X-Axis) (mm [in]) = 5.40 [0.213]</li> <li>• Width (Z-Axis) (mm [in]) = 23.90 [0.940]</li> <li>• Profile Height (Y-Axis) (mm [in]) = 9.60 [0.378]</li> </ul> <p><b>Body Features:</b></p> <ul style="list-style-type: none"> <li>• Mating Retention = With</li> <li>• Selectively Loaded = No</li> </ul> <p><b>Contact Features:</b></p> <ul style="list-style-type: none"> <li>• Contact Type = Pin</li> <li>• Contact Design = Formed Pin</li> </ul>	<p><b>Configuration Features:</b></p> <ul style="list-style-type: none"> <li>• Number of Positions = 2</li> <li>• Number of Rows = 2</li> </ul> <p><b>Industry Standards:</b></p> <ul style="list-style-type: none"> <li>• <a href="#">RoHS/ELV Compliance</a> = RoHS compliant, ELV compliant</li> <li>• <a href="#">Lead Free Solder Processes</a> = Not relevant for lead free process</li> <li>• RoHS/ELV Compliance History = Always was RoHS compliant</li> <li>• UL Flammability Rating = UL 94V-2</li> <li>• Agency/Standard = CSA, UL</li> <li>• UL Rating = Recognized</li> <li>• UL File Number = E28476</li> </ul> <p><b>Identification Marking:</b></p> <ul style="list-style-type: none"> <li>• Circuit Identification Feature = With</li> </ul> <p><b>Environmental:</b></p> <ul style="list-style-type: none"> <li>• Operating Temperature (°C [°F]) = -40 - +105 [-40 - +221]</li> </ul> <p><b>Conditions for Usage:</b></p> <ul style="list-style-type: none"> <li>• Applies To = Wire/Cable</li> <li>• Glow Wire Rating = Standard Part - Not Glow Wire</li> </ul> <p><b>Operation/Application:</b></p> <ul style="list-style-type: none"> <li>• Application Use = Wire-to-Wire</li> <li>• Contact Transmits (Typical Application) = Signal (Data)</li> <li>• Pick and Place Cover = Without</li> </ul> <p><b>Packaging Features:</b></p>

**Housing Features:**

- Connector Style = Plug
- Centerline (mm [in]) = 4.20 [0.165]
- Mating Alignment = With
- Mating Alignment Type = Keyed
- Housing Color = Natural

- Packaging Method = Bag

**Other:**

- Brand = AMP

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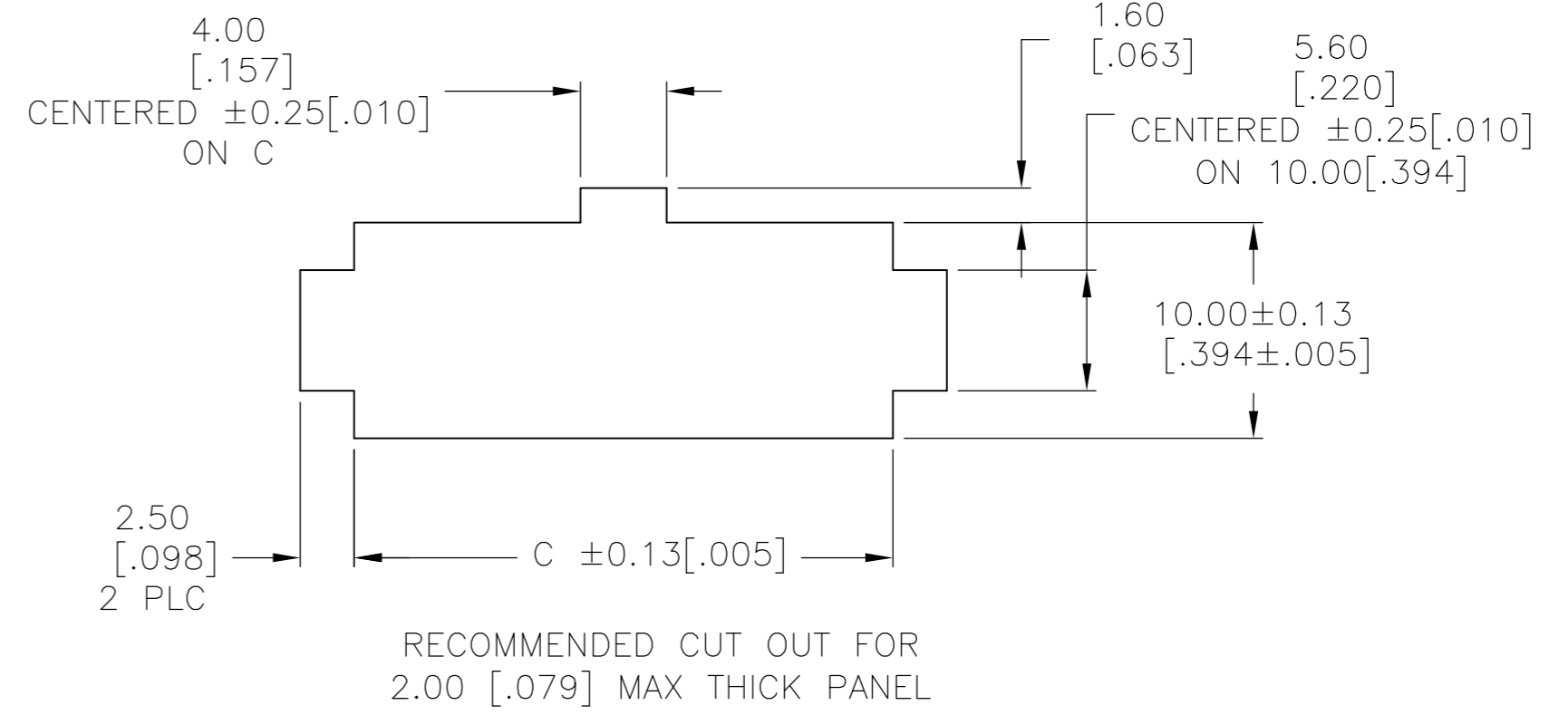
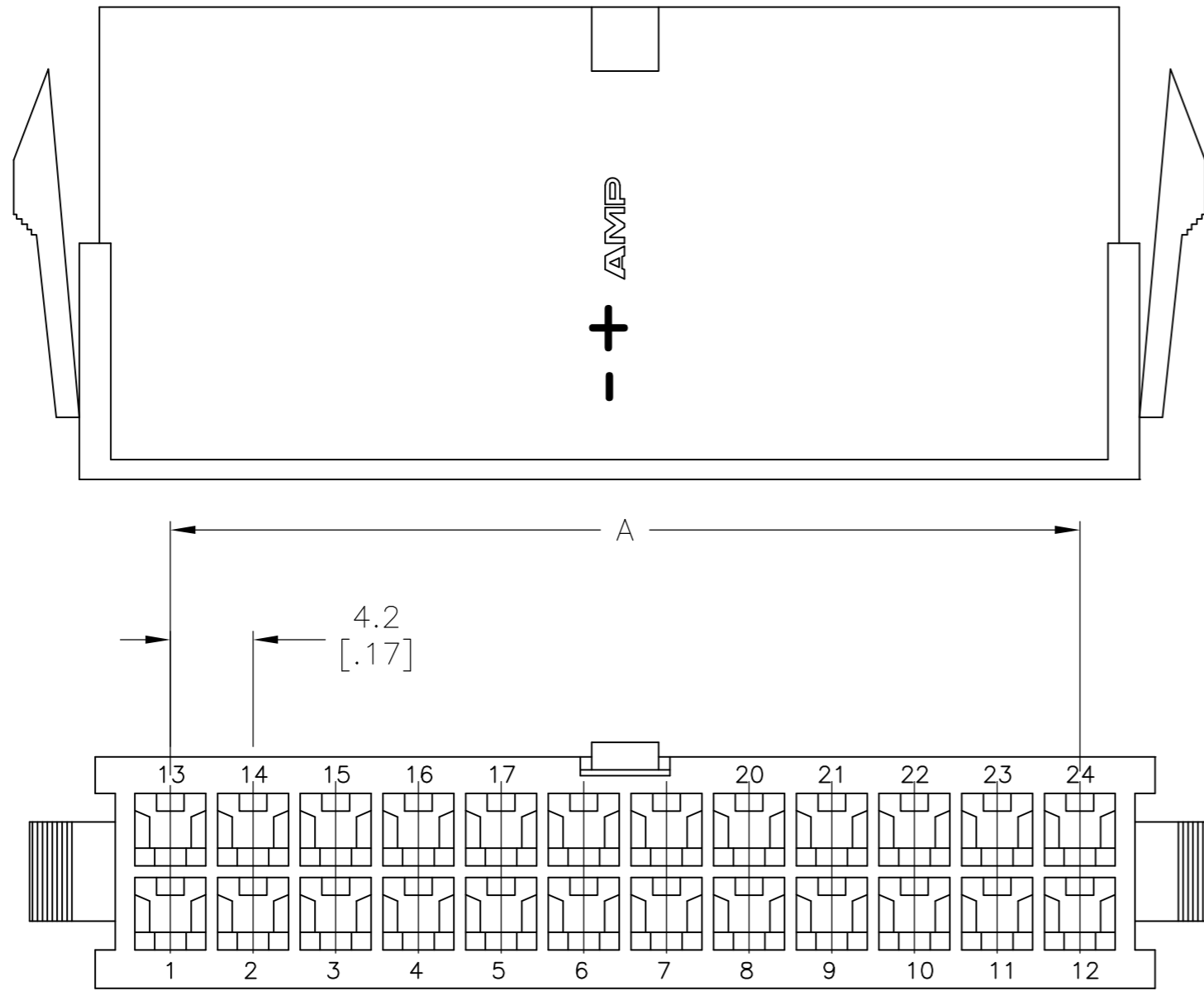
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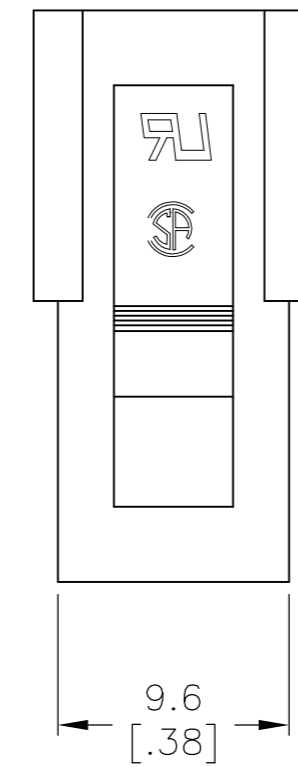
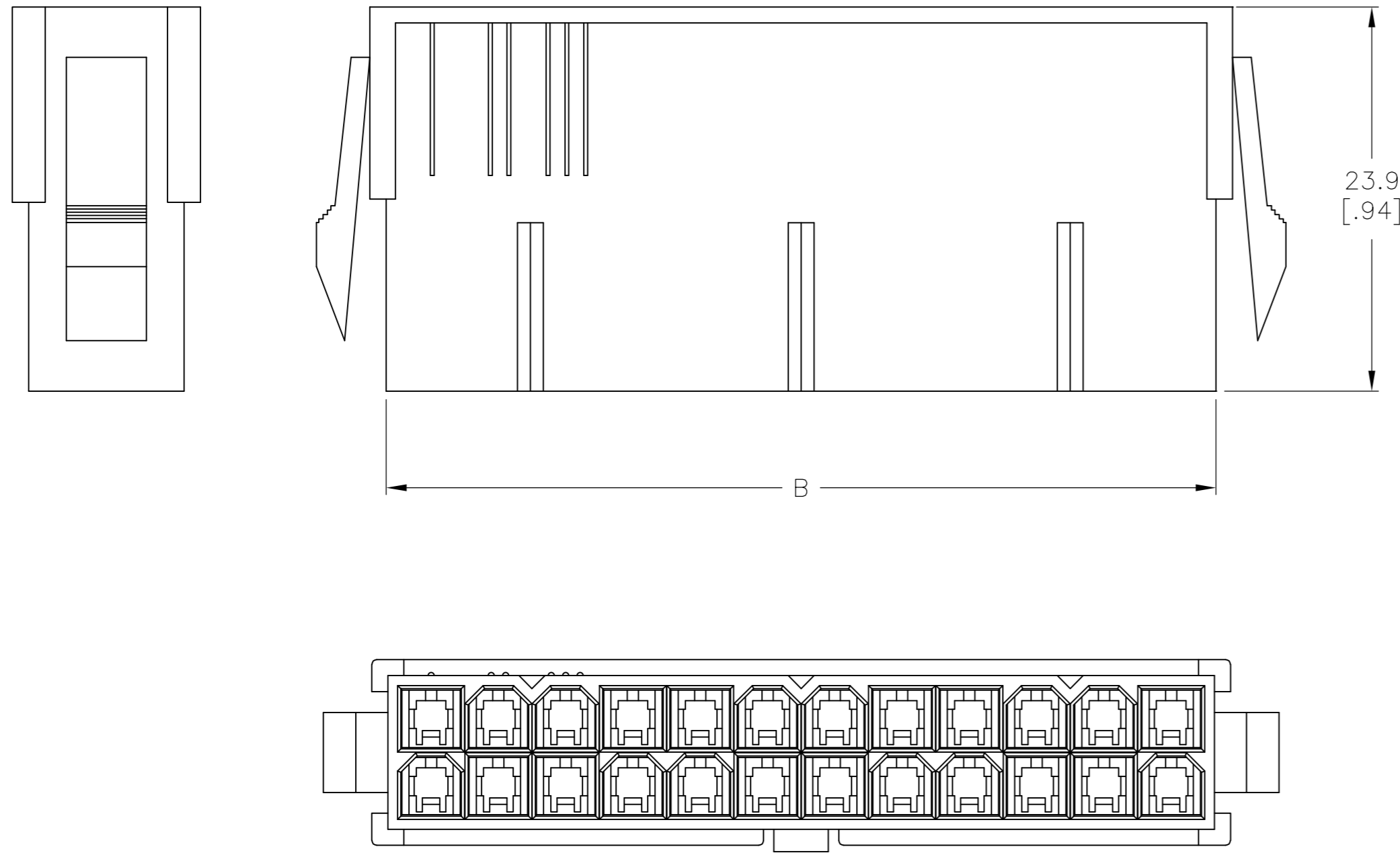


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LOC		DIST		REVISIONS			
P	LTR	DESCRIPTION	DATE	DWN	APVD		
CM	00	C1	REVISED PER ECO-11-004587	11MAR11	RK	HMR	



- 1 NYLON, UL94V-2, NATURAL.
- 2 PANEL MUST BE PUNCHED SO THAT THE HOUSING ENTERS THE PANEL IN THE SAME DIRECTION AS THE PUNCH.



DIM C	DIM B	DIM A	POS	PART NUMBER
52.00[2.047]	51.60[2.031]	46.2[1.82]	24	2-794953-4
47.80[1.882]	47.40[1.866]	42.0[1.65]	22	2-794953-2
43.60[1.717]	43.20[1.701]	37.8[1.49]	20	2-794953-0
39.40[1.551]	39.00[1.535]	33.6[1.32]	18	1-794953-8
35.20[1.386]	34.80[1.370]	29.4[1.16]	16	1-794953-6
31.00[1.220]	30.60[1.205]	25.2[.99]	14	1-794953-4
26.80[1.055]	26.40[1.039]	21.0[.83]	12	1-794953-2
22.60[.889]	22.20[.874]	16.8[.66]	10	1-794953-0
18.40[.724]	18.00[.709]	12.6[.50]	8	794953-8
14.20[.559]	13.80[.543]	8.4[.33]	6	794953-6
10.00[.394]	9.60[.378]	4.2[.17]	4	794953-4
5.80[.223]	5.40[.213]	--	2	794953-2

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DIMENSIONS: mm [INCHES]	TOLERANCES UNLESS OTHERWISE SPECIFIED: 0 PLC ± - 1 PLC ± 0.4[.02] 2 PLC ± 0.25[.010] 3 PLC ± 0.150[.0059] 4 PLC ± - ANGLES ± - FINISH -	DWN S. HAMM 06-SEP-2001 CHK D. COLEY 06-SEP-2001 APVD D. COLEY 06-SEP-2001 PRODUCT SPEC - APPLICATION SPEC - WEIGHT -	TE Connectivity
MATERIAL 1			PANEL MOUNT PLUG HOUSING, VAL-U-LOK(TM)
		CUSTOMER DRAWING	SIZE A2 CAGE CODE 00779 C=794953 DRAWING NO. RESTRICTED TO
			SCALE - SHEET 1 OF 1 REV C1