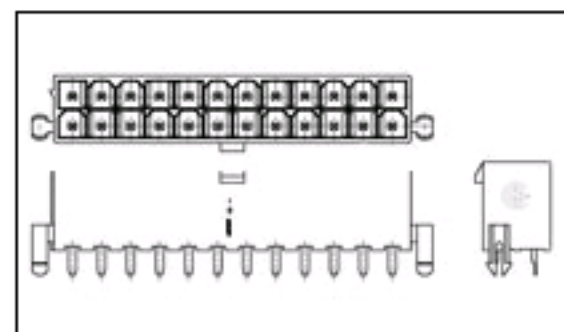


1-2029172-0 Product Details

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1-2029172-0

TE Internal Number: 1-2029172-0
 Active

VAL-U-LOK Series Connector System

Always EU RoHS/ELV Compliant (Statement of Compliance)

Product Highlights:

- Wire-to-Board
- Applies To Printed Circuit Board
- Connector
- Glow Wire Rating = Standard Part - Not Glow Wire
- Header

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Documentation & Additional Information	
<p>Product Drawings:</p> <ul style="list-style-type: none"> • None Available <p>Catalog Pages/Data Sheets:</p> <ul style="list-style-type: none"> • None Available <p>Product Specifications:</p> <ul style="list-style-type: none"> • None Available <p>Application Specifications:</p> <ul style="list-style-type: none"> • None Available <p>Instruction Sheets:</p> <ul style="list-style-type: none"> • None Available <p>CAD Files:</p> <ul style="list-style-type: none"> • None Available 	<p>Related Products:</p> <ul style="list-style-type: none"> • Tooling

Product Features (Please use the Product Drawing for all design activity)	
<p>Product Type Features:</p> <ul style="list-style-type: none"> • Product Type = Connector • Connector Type = Header • PCB Mounting Orientation = Vertical • PCB Mount Alignment = Without • PCB Mount Retention = With • PCB Mount Retention Type = Peg(s) • CSA File Number = 208567 <p>Mechanical Attachment:</p> <ul style="list-style-type: none"> • Mating Retention Type = Latching <p>Electrical Characteristics:</p> <ul style="list-style-type: none"> • Contact Current Rating, Max. (A) = 9 • Operating Voltage Reference = AC • Operating Voltage (VAC) = 600 <p>Termination Features:</p> <ul style="list-style-type: none"> • Termination Method to PC Board = Through Hole - Solder <p>Dimensions:</p> <ul style="list-style-type: none"> • PCB Thickness, Recommended (mm [in]) = 1.78 [0.069] • Tail Length (mm [in]) = 3.5 [0.138] • Length (X-Axis) (mm [in]) = 22.20 [0.874] • Width (Z-Axis) (mm [in]) = 9.75 [0.383] • Profile Height (Y-Axis) (mm [in]) = 12.80 [0.504] <p>Body Features:</p> <ul style="list-style-type: none"> • Header Type = Shrouded • Mating Retention = With <p>Contact Features:</p> <ul style="list-style-type: none"> • Contact Type = Pin • Contact Base Material = Brass • Contact Plating, Mating Area, Material = Tin • Contact Plating, Termination Area, Material = Tin 	<p>Housing Features:</p> <ul style="list-style-type: none"> • Connector Style = Plug • Centerline (mm [in]) = 4.20 [0.165] • Mating Alignment = With • Mating Alignment Type = Polarization <p>Configuration Features:</p> <ul style="list-style-type: none"> • Number of Positions = 10 • Number of Rows = 2 • Tail Orientation = In-line • Shrouded = Yes <p>Industry Standards:</p> <ul style="list-style-type: none"> • RoHS/ELV Compliance = RoHS compliant, ELV compliant • Lead Free Solder Processes = Wave solder capable to 240°C, Wave solder capable to 260°C, Wave solder capable to 265°C • RoHS/ELV Compliance History = Always was RoHS compliant • UL Flammability Rating = UL 94V-2 • Agency/Standard = CSA, UL • UL Rating = Recognized • UL File Number = E28476 <p>Environmental:</p> <ul style="list-style-type: none"> • Operating Temperature (°C [°F]) = -40 - +105 [-40 - +221] <p>Conditions for Usage:</p> <ul style="list-style-type: none"> • Applies To = Printed Circuit Board • Glow Wire Rating = Standard Part - Not Glow Wire <p>Operation/Application:</p> <ul style="list-style-type: none"> • Application Use = Wire-to-Board • Pick and Place Cover = Without <p>Packaging Features:</p> <ul style="list-style-type: none"> • Packaging Method = Package <p>Other:</p> <ul style="list-style-type: none"> • Brand = TE Connectivity

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