



N12814 Product Details

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N12814

(2-1925036-9)

TE Internal Number: 2-1925036-9

Active

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Nanominiature Circular Connectors

Always EU RoHS/ELV Compliant (Statement of Compliance)

Product Highlights:

- Preloaded
- Connector Style = Plug
- 44 Positions
- With Environmental Protection
- Wire Size = 0.05² [30] mm² [AWG]

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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: (CAD Format & Compression Information)</p> <ul style="list-style-type: none"> • 2D Drawing (DXF, Version C) • 3D Model (IGES, Version C) • 3D Model (STEP, Version C) 	<p>Related Products:</p> <ul style="list-style-type: none"> • Tooling

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Product Features (Please use the Product Drawing for all design activity)	
<p>Product Type Features:</p> <ul style="list-style-type: none"> • Wire Size (mm² [AWG]) = 0.05² [30] • Wire Material = Color Coded Fluoropolymer <p>Mechanical Attachment:</p> <ul style="list-style-type: none"> • Mating Retention Type = Push-Pull Quick Disconnect <p>Electrical Characteristics:</p> <ul style="list-style-type: none"> • Resistance (Ω) = .003 - .008 • Contact - Rated Current (A) = 1 <p>Dimensions:</p> <ul style="list-style-type: none"> • Length (mm [in]) = 1239.52 [48.800] <p>Body Features:</p> <ul style="list-style-type: none"> • Wire Type = Stranded • Insulator Material = Liquid Crystal Polymer (LCP) or PPS • Shell Material = Aluminum 6061-T6 • Shell Plating = Nickel 	<p>Contact Features:</p> <ul style="list-style-type: none"> • Contact Base Material = Beryllium Copper • Contact Plating = Gold over Nickel <p>Housing Features:</p> <ul style="list-style-type: none"> • Connector Style = Plug <p>Configuration Features:</p> <ul style="list-style-type: none"> • Preloaded = Yes • Number of Positions = 44 • Environmental Protection = With • Factory Installed Backshell = With • Environmental Protection Type = Sealed <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 260°C, Wave solder capable to 240°C, Wave solder capable to 265°C • RoHS/ELV Compliance History = Always was RoHS compliant <p>Other:</p> <ul style="list-style-type: none"> • Brand = Nanonics

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