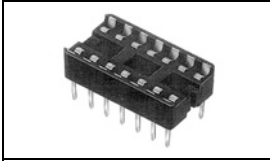


## 1825374-6 Product Details



**1825374-6**

TE Internal Number: 1825374-6

 [Active](#)

### DIP Sockets

 [Always EU RoHS/ELV Compliant \(Statement of Compliance\)](#)

#### Product Highlights:

- Socket Style = Standard
- Through Hole Contact Termination Type
- 2.54 mm Centerline
- Row-to-Row Spacing = 7.87 mm
- 20 Positions

[View all Features](#)

Documentation & Additional Information	
<p><b>Product Drawings:</b></p> <ul style="list-style-type: none"> <li>• <a href="#">DIP SOCKET ASSY, LADDER, DIPLOMATE, RET. LEAD .300 C...</a> (PDF, English)</li> </ul> <p><b>Catalog Pages/Data Sheets:</b></p> <ul style="list-style-type: none"> <li>• None Available</li> </ul> <p><b>Product Specifications:</b></p> <ul style="list-style-type: none"> <li>• None Available</li> </ul> <p><b>Application Specifications:</b></p> <ul style="list-style-type: none"> <li>• <a href="#">DIPLOMATE DL (Dual Leaf) DIP Sockets</a> (PDF, English)</li> <li>• <a href="#">DIPLOMATE DL (Dual Leaf) DIP Sockets</a> (PDF, Japanese)</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>Additional Information:</b></p> <ul style="list-style-type: none"> <li>• <a href="#">Product Line Information</a></li> </ul> <p><b>Related Products:</b></p> <ul style="list-style-type: none"> <li>• <a href="#">Tooling</a></li> </ul>

[List all Documents](#)

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>• <a href="#">Socket Style</a> = Standard</li> <li>• Profile = Standard</li> <li>• <a href="#">Frame Style</a> = Ladder</li> <li>• <a href="#">Leg Style</a> = Retention</li> <li>• Proprietary Name = DIPLOMATE DL</li> <li>• Color = Black</li> <li>• Qty./Tube = 21</li> <li>• Qty. Tubes/Box = 100</li> <li>• Product Series = Standard</li> </ul> <p><b>Electrical Characteristics:</b></p> <ul style="list-style-type: none"> <li>• Insulation Resistance (MΩ) = 10,000</li> <li>• Contact Resistance (mΩ) = 30</li> </ul> <p><b>Termination Related Features:</b></p> <ul style="list-style-type: none"> <li>• <a href="#">Termination Post Length (mm [in])</a> = 3.05 [0.120]</li> <li>• Solder Tail Contact Plating = Tin</li> </ul> <p><b>Body Related Features:</b></p> <ul style="list-style-type: none"> <li>• <a href="#">Centerline (mm [in])</a> = 2.54 [0.100]</li> <li>• <a href="#">Row-to-Row Spacing (mm [in])</a> = 7.87 [0.310]</li> <li>• <a href="#">Number of Positions</a> = 20</li> <li>• <a href="#">Mount Style</a> = Vertical</li> </ul> <p><b>Contact Related Features:</b></p>	<p><b>Housing Related Features:</b></p> <ul style="list-style-type: none"> <li>• Housing Material = Thermoplastic - GF</li> <li>• UL Flammability Rating = UL 94V-0</li> </ul> <p><b>Configuration Related Features:</b></p> <ul style="list-style-type: none"> <li>• <a href="#">Height Above PC Board (mm [in])</a> = 5.33 [0.210]</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> = Wave solder capable to 240°C, Wave solder capable to 260°C, Wave solder capable to 265°C</li> <li>• RoHS/ELV Compliance History = Always was RoHS compliant</li> </ul> <p><b>Conditions for Usage:</b></p> <ul style="list-style-type: none"> <li>• Temperature Range (°C) = 125</li> </ul> <p><b>Operation/Application:</b></p> <ul style="list-style-type: none"> <li>• Application = Production</li> </ul> <p><b>Packaging Related Features:</b></p> <ul style="list-style-type: none"> <li>• <a href="#">Packaging Method</a> = Tube</li> </ul> <p><b>Other:</b></p> <ul style="list-style-type: none"> <li>• Brand = Tyco Electronics</li> <li>• Comment = ONLY sockets with straight solder tails are recommended for automatic insertion.</li> </ul>

- [Contact Termination Type](#) = Through Hole
- [Contact Base Material](#) = Phosphor Bronze
- [Contact Plating, Mating Area, Material](#) = Gold (15)
- [Contact Style](#) = Stamped + Formed
- [Mating Contact Type](#) = Dual Leaf