### Performance Characteristics:

1. **Product Approval Requires Certification** of compliance to E.U. RoHS Directive 2002/95/EC.

2. **Performance Characteristics:**
   - **Category 6A:** ISO/IEC 11801-2010
   - **Contact Finish Material:** Hard Au over Ni
   - **Contact Finish Material:** Black PC UL94-V0
   - **Copper Conductor Gauge:** Solid: 24 - 22 AWG
     - Stranded: 247 - 227 AWG
   - **Copper Conductor Insulation Diameter:** .043" - .063"
   - **Overall Cable Jacket Diameter:** .216" - .335"
   - **Temperature Range:** -40°C - 70°C
   - **Power Over Ethernet Plus (PoE+)** in accordance with IEEE 802.3at
   - **UL 1863 Certification** for use in air handling spaces

### Notes:

- **Unless Otherwise Specified:**
  - Dimensions are in inches.
  - Tolerances: fractions ±1/32", 1/16" ±1/16", 2 place decimals ±.01", 3 place decimals ±.005".

- **Material:**
  - SEE NOTES

- **Finish:**
  - SEE NOTES

- **Material Code:**
  - SEE NOTES

- **Third Angle Projection:**
  - SEE NOTES

### Design Specifications:

- **UL 1863 Communications-Circuit Accessories**
- **UL 2043 Certification for Use in Air Handling Spaces**

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### Drawing Information:

<table>
<thead>
<tr>
<th>OCC PART NO.</th>
<th>DESCRIPTION</th>
</tr>
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<tbody>
<tr>
<td>C111579</td>
<td><strong>PLUG, CAT6A, T568B, UTP, FIELD TERMINABLE</strong></td>
</tr>
</tbody>
</table>

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