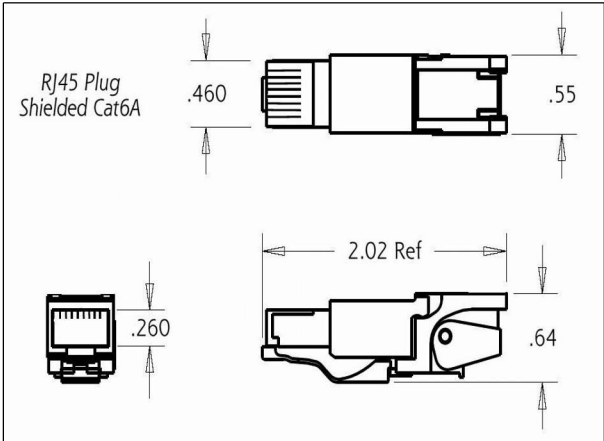


PIC Wire & Cable	Connector Specification	P/N 110650
<p>A Division of the Angelus Corporation  Ph (262) 246-0500 Fax (262) 246-0450 www.picwire.com  PO Box 330 Sussex, WI 53089</p>	<p>Approved : <i>M E J</i>  Distribution : User</p>	<p>Date : 09/25/13  Rev. 3 (06/13/16)  Uncontrolled if Printed</p>
<p><b>RJ45 Plug Connector (Shielded Cat 6a)</b>  For conductors with an insulation OD range of 0.039" - 0.063"  (For ANSI/TIA/EIA 568A Pin-Out Termination Only)</p>		
 <p><i>Not Shown ; dust cap for RJ45 (removed upon installation)</i></p>		
<p><b><u>PERFORMANCE</u></b></p>	<p><b><u>CONSTRUCTION</u></b></p>	
<p>Exceeds ANSI/TIA/EIA Cat 6A</p> <p>Current / Voltage: 1.0 Amps @ 30 VAC / 42 VDC</p> <p>Contact Resistance: 20 milliOhms Max</p>	<p><b>Materials:</b></p> <p>Plug Housing                      Zinc diecast</p> <p>Contacts                              Spring Steel</p> <p>Contact Housing, Load Bar, Wire Carrier      Polycarbonate, UL 94-V0</p>	
<p><b><u>ENVIRONMENTAL</u></b></p> <p>Temperature Rating      -40° C to +70° C</p> <p>Insertion / Extraction      750 cycles Min</p>	<p>RJ45 Latch, Hook, Strain Relief Lever, Dust Cap      Polybutylene Terephthalate, UL 94-V0</p> <p>PCB                                      FR4, UL 94-V0</p>	
<p><b><u>CONNECTOR WEIGHT (Each)</u></b></p> <p>.82 ounces (23.36 grams)</p>	<p>IDC Contacts                      Phosphor Bronze</p> <p>Shield Contact                      Brass</p>	
<p><b><u>RoHS COMPLIANT</u></b></p> <p>Complies to RoHS Standards</p>	<p>Strain Relief (1)                      ATUM Dual Wall Shrink Tube  (MIL-DTL-23053/4, Class 3)</p>	
<p><b><u>REQUIRED TOOLING (2)</u></b></p> <p>PIC P/N 110701 - Soft Jaw Clamping Pliers  Note : Similar Soft Jaw Pliers can be used</p>	<p><b>Finish :</b></p> <p>Contacts                              Gold</p> <p>Plug Housing, Shield Contact      Nickel</p> <p>IDC Contacts                          Tin</p>	
<p><b>Notes :</b></p> <p>(1) A 1.0" piece of Raychem ATUM heat shrink P/N ATUM-12/3-0 provided with connector for purpose of strain relief &amp; moisture protection.</p> <p>(2) Please refer to T-110650 Termination Instruction sheet for strip dimensions &amp; instructions.</p>	<p><b>Applicable Standards :</b></p> <p>ANSI/TIA-1096-A  ANSI/TIA/EIA 568-C.2</p>	
<p>PIC Wire &amp; Cable Connector User specification sheets are non-controlled documents if printed. Please contact PIC Wire and Cable or visit the PIC website (www.picwire.com) to ensure the latest revision of the drawing is being viewed.</p>		