PIC Wire & Cable		le	Termi		T-110506-03
	A Division of the Angelus Corport Ph (262)-246-0500 Fax (262) 246-0450 w		Approved :	met	Date : 03/06/14 Rev. 0
	PO Box 330 Sussex, WI 5308	*	Distribution	n : USER	Uncontrolled Documen
	Termination I	astructions for PIC RJ45 P (for PIC Ethernet Cable P/N		P/N 110506	
	Recommended Hand Required Tooling :	Tools : X-acto Knife, Sharp R PIC 110288 RJ45 Crit			
	Required Fooming.	110 110200 1345 CH	inp 1001, Heat Ou	1	
				Dimensions	in Inches (NOT to Scale)
1)		s (if applicable). Install ATUM 12/3 x 1.25" (larger dia.) then 8/2 x 1.0" (smaller d nrink tube onto cable. Make Cut A @ .80" from cable end, through the cable jacket k or cut into braids. Remove jacket.		$\begin{array}{c} Figure \ I \\ Cut \ A \rightarrow \end{array} \qquad 0 \end{array}$.80 "
2)	Install and shrink the ATUM 8/2 x 1.0" dual wall shrink tube onto cable, starting at the en jacket (Fig. 2). Fold braids back over ATUM, and trim off inner tape layer @ Cut A (Fig. Do not nick or cut into the wire insulation; inspect wires to verify insulation integrity.				
			g. 3).	Figure 2	Shrink ATUM $8/2 \times 1.0$ "
					a second
3)	Untwist each pair, for approximately half of the stripped length, carefully straighten each wire. Align wires into desired wire configuration per work print, and install wires into the load bar (Fig. 4). Wire ends can be cut slightly shorter (up to .050") to aid entry into load bar.			Figure 3 Fold	l braids back, remove inner tape
4)	Position the load bar front edge at .750" from Cut A (Fig	g 4). Trim off wire ends at Cut E	, flush		33
	with the end of the load bar @ .750" from Cut A (Fig. 4).			Figure 4	Cut B
5)	Bend the RJ45 connector strain relief tab down to allow wires / load bar installation (Fig. 5a). With the load bar positioned at the end of the wires, install the connector body onto the wires / load bar. Seat all wires fully into the connector, until the stranded conductors of each wire are visible through the front end of the connector body (Fig. 5b).				0.750" ←
6)	Return the strain relief tab up into original position. Verify all wires are fully seated per 110506-03 Inspection Criteria (below) before crimping. Crimp the connector using 110288 RJ45 crimp tool, keeping wires fully seated. Trim off excess braids past strain relief tab (Fig. 6).			Figure 5a	load ba
7)	Verify all wires are fully seated per 110506-03 Inspection Criteria. Use magnifier and contrasting color background to aid in inspection.			Figure 6	
8)	÷	ver the connector as shown (Fig. 7), and shrink onto the care to shield the RJ45 latching tab from excessive heat. b, trim back shrink tube if it impedes the latching tab (Fig. 7).			
	110506-03 Inspection Criteria			Trim off exce Figure 7	
	Shrink I		ion :		afiguration :
		ATUM 12		Pin ISDN NA NA 3 Green 4 Blue 5 White 6 Orange	Pin 568A 1 Blue 2 White 3 Green NA NA 6 Orange
			111111		

PIC Wire & Cable Termination Instruction sheets are non-controlled documents. 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.