

## 5-1634511-3 Product Details

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**5-1634511-3**

TE Internal Number: 5-1634511-3  
 Active

### BNC RF Connectors

Always EU RoHS/ELV Compliant (Statement of Compliance)

#### Product Highlights:

- Connector - RF
- Jack
- Connector Style = Jack
- Applies To Coaxial Cable
- Coaxial Cable Termination Type = Crimp

[View all Features](#)

### Quick Links

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Documentation & Additional Information	
<p><b>Product Drawings:</b></p> <ul style="list-style-type: none"> <li>• <a href="#">BNC STRAIGHT JACK CRIMP 50 OHM (PDF, English)</a></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>• None Available</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>Related Products:</b></p> <ul style="list-style-type: none"> <li>• <a href="#">Tooling</a></li> </ul>

[List all Documents](#)

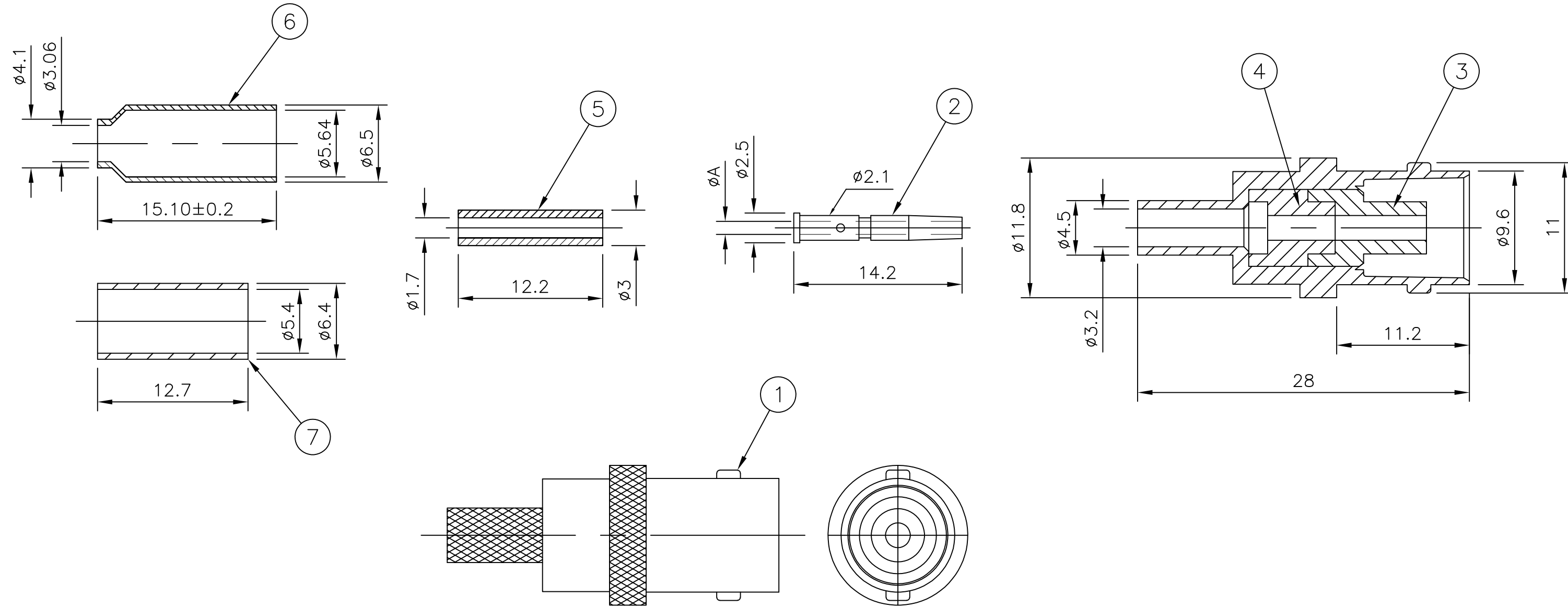
Product Features (Please use the Product Drawing for all design activity)	
<p><b>Product Type Features:</b></p> <ul style="list-style-type: none"> <li>• <a href="#">Product Type</a> = Connector - RF</li> <li>• Gender = Jack</li> <li>• <a href="#">Grade</a> = Commercial</li> <li>• <a href="#">Sealed</a> = No</li> <li>• <a href="#">Isolated</a> = No</li> <li>• <a href="#">Dielectric Material</a> = Polymethylpentene</li> </ul> <p><b>Mechanical Attachment:</b></p> <ul style="list-style-type: none"> <li>• Surface Mountable = No</li> <li>• <a href="#">Hardware Included</a> = No</li> <li>• Panel Mount Retention = Without</li> </ul> <p><b>Electrical Characteristics:</b></p> <ul style="list-style-type: none"> <li>• <a href="#">Connector Impedance (Ω)</a> = 75</li> </ul> <p><b>Termination Features:</b></p> <ul style="list-style-type: none"> <li>• <a href="#">Coaxial Cable Termination Type</a> = Crimp</li> <li>• <a href="#">Crimp Type</a> = Hex</li> </ul> <p><b>Body Features:</b></p> <ul style="list-style-type: none"> <li>• <a href="#">Body Style</a> = Straight</li> <li>• Body Shape = Circular</li> <li>• <a href="#">Body Material</a> = Zinc</li> <li>• <a href="#">Body Plating</a> = Nickel</li> <li>• <a href="#">Polarized</a> = No</li> </ul> <p><b>Contact Features:</b></p> <ul style="list-style-type: none"> <li>• <a href="#">Center Contact Material</a> = Phosphor Bronze</li> <li>• <a href="#">Center Contact Plating</a> = Gold</li> </ul>	<p><b>Housing Features:</b></p> <ul style="list-style-type: none"> <li>• Connector Style = Jack</li> </ul> <p><b>Configuration Features:</b></p> <ul style="list-style-type: none"> <li>• <a href="#">Coaxial Cable Type (RG/U or Mfg.)</a> = 141A, 58C, 76, Belden 9907, KX 15, URM 43</li> <li>• Number of Ports = 1</li> </ul> <p><b>Industry Standards:</b></p> <ul style="list-style-type: none"> <li>• Government/Industry Qualification = No</li> <li>• <a href="#">RoHS/ELV Compliance</a> = RoHS compliant, ELV compliant</li> <li>• <a href="#">Lead Free Solder Processes</a> = Not relevant for lead free process</li> <li>• RoHS/ELV Compliance History = Always was RoHS compliant</li> </ul> <p><b>Environmental:</b></p> <ul style="list-style-type: none"> <li>• Operating Temperature (Max.) (°C) = 85</li> </ul> <p><b>Conditions for Usage:</b></p> <ul style="list-style-type: none"> <li>• <a href="#">Applies To</a> = Coaxial Cable</li> <li>• For Use With = ZDC/BNC Connector</li> </ul> <p><b>Packaging Features:</b></p> <ul style="list-style-type: none"> <li>• Packaging Method = Loose Piece/Bulk</li> <li>• Packaging Quantity = 100/Bag</li> </ul> <p><b>Other:</b></p> <ul style="list-style-type: none"> <li>• Brand = TE Connectivity</li> </ul>

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LOC		DIST		REVISIONS			
P	LTR	DESCRIPTION	DATE	DWN	APVD		
	C1	ECO-09-023525	20 OCT 09	RITA	BOB		
	D	ECO-12-014680	20Aug2012	TITAN	MARTIN		

- NOTES**
- 1 IP PACK: 1PC/ONE BAG, 100PCS/INNER BOX, 1000PCS/OUTER BOX
  - 2 BULK PACK: 100PCS/ONE BAG, 100PCS/INNER BOX, 1000PCS/OUTER BOX
  - 3 Au PLATING OVER Ni PLATING OVER Cu PLATING
  - 4 Ni PLATING OVER Cu PLATING
  - 5 HAND TOOL: 9-1478240-0
  - 6 DIE SET: SEE TABLE
  - 7 FOR TECHNICAL DATA REFER TO YOUR LOCAL TYCO ELECTRONICS SALES OFFICE
  - 8 ALL DIMENSIONS ARE NOMINAL FOR REFERENCE ONLY UNLESS OTHERWISE STATED

1.1	9-1478242-0	RG58C/U, 141A/U, URM43, 76, BELDEN 9907, KX 15	5-1634511-3					
1.1	9-1478242-0	RG58C/U, 141A/U, URM43, 76, BELDEN 9907, KX 15	5-1634511-2					
0.57	9-1478242-0	RG174A/U, 188A/U, 316/U, URM95, KX 3B, KX 22A	5-1634511-1					
0.57	9-1478242-0	RG174A/U, 188A/U, 316/U, URM95, KX 3B, KX 22A	5-1634511-0					
A	DIE SET	CABLE GROUPS	PART NO.					



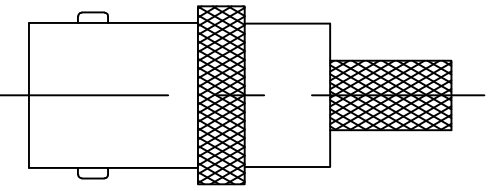
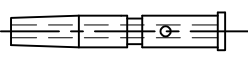
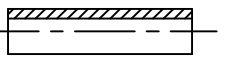
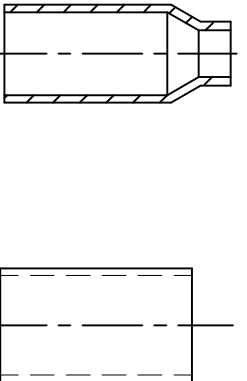
QTY	QTY PER ASSY	PARTS LIST			
1	1	BRASS $\Delta$ CRIMP SLEEVE 7			
-	-	BRASS $\Delta$ CRIMP SLEEVE 6			
-	-	NYLON PUSHER SLEEVE 5			
1	1	POLYMETHYLPENTENE INSULATOR 4			
1	1	POLYMETHYLPENTENE INSULATOR 3			
1	1	PHOSPHOR BRONZE $\Delta$ CONTACT 2			
1	1	ZINC ALLOY $\Delta$ BODY 1			
5	35	25	15	0	MATERIAL DESCRIPTION ITEM

THIS DRAWING IS A CONTROLLED DOCUMENT.		DWN RITA ZUO 24 Feb 09	TE Connectivity BNC STRAIGHT JACK CRIMP 50 OHM			
		CHK ANSON MA 24 Feb 09				
		APVD BOB ZHAO 24 Feb 09				
		PRODUCT SPEC 108-112000				
		APPLICATION SPEC SEE SHEET 2				
DIMENSIONS: MM		TOLERANCES UNLESS OTHERWISE SPECIFIED:	SIZE A2	CAGE CODE 00779	DRAWING NO C=1634511	RESTRICTED TO -
		0 PLC $\pm 0.5$ 1 PLC $\pm 0.3$ 2 PLC $\pm 0.2$ 3 PLC $\pm -$ 4 PLC $\pm -$ ANGLES $\pm -$	WEIGHT -	SCALE NTS	SHEET 1 OF 2	REV D
MATERIAL SEE TABLE		FINISH SEE TABLE	CUSTOMER DRAWING			

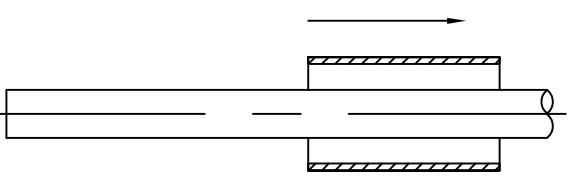
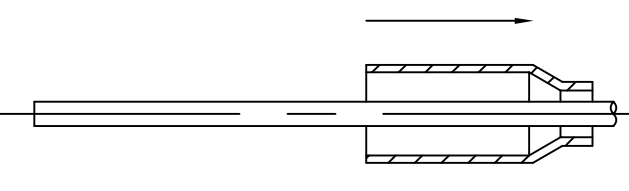
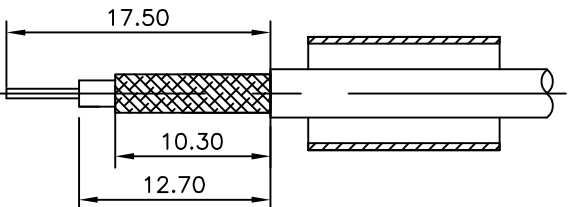
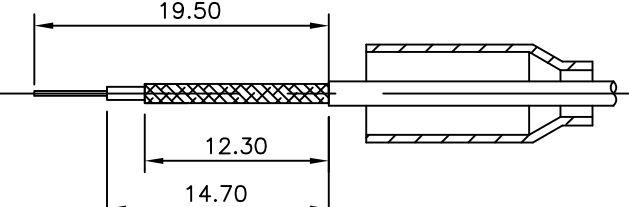
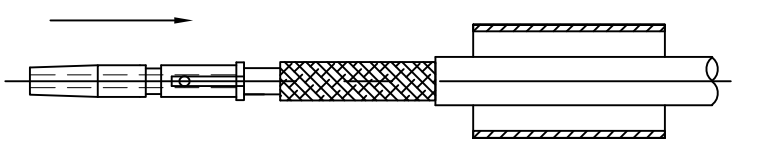
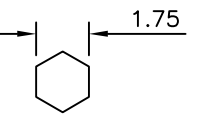
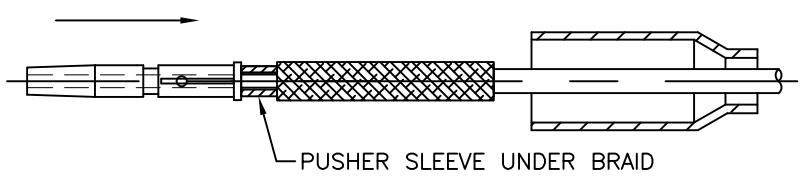
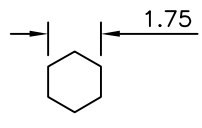
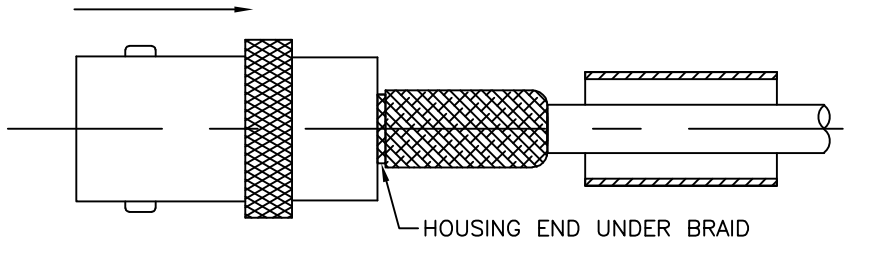
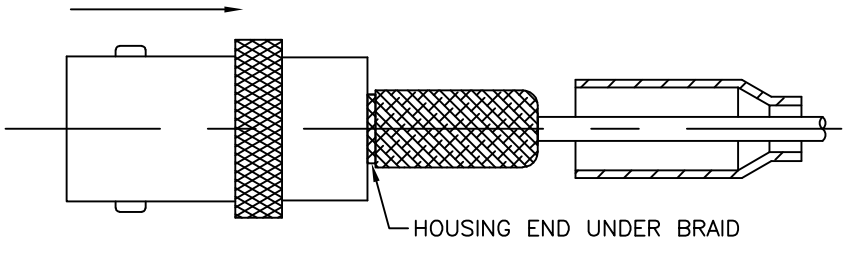
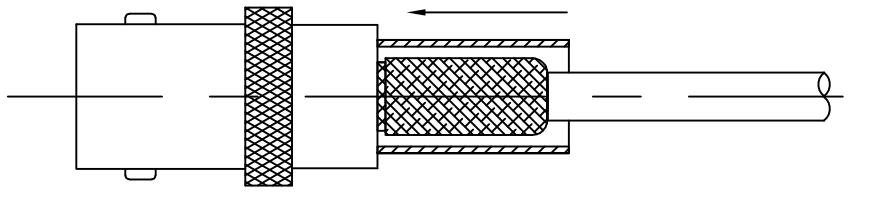
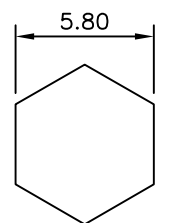
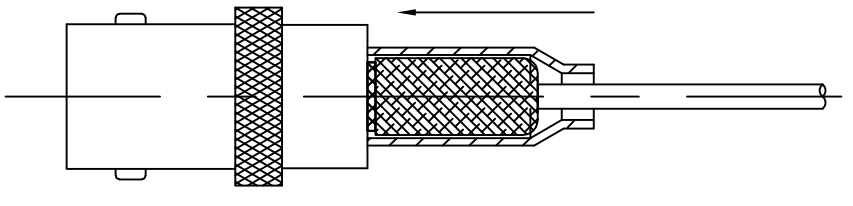
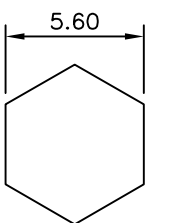
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LOC		DIST		REVISIONS			
P	LTR	DESCRIPTION	DATE	DWN	APVD		
-	-	SEE SHEET 1	-	-	-		

COMPONENTS

MAIN BODY (ITEM 1,3, & 4)	CONTACT (ITEM 2)	PUSHER SLEEVE (ITEM 5)	CRIMP FERRULES (ITEM 6 & 7)
			

ASSEMBLY INSTRUCTION

CABLES: RG58C/U, 141A/U, URM43, 76, BELDEN 9907, KX 15	CABLES: RG174A/U, 188A/U, 316/U, URM95, KX 3B, KX 22A
<p><b>STEP 1</b></p> <p>1. SLIDE METAL CRIMP FERRULE OVER CABLE</p> 	<p><b>STEP 1</b></p> <p>1. SLIDE METAL CRIMP FERRULE OVER CABLE</p> 
<p><b>STEP 2</b></p> <p>1. STRIP CABLE TO DIMENSIONS AS SHOWN</p> 	<p><b>STEP 2</b></p> <p>1. STRIP CABLE TO DIMENSIONS AS SHOWN</p> 
<p><b>STEP 3</b></p> <p>1. FIT CONTACT OVER CENTRE CONDUCTOR TO BUTT AGAINST DIELECTRIC. 2. CRIMP USING TOOL AS NOTES ON PAGE 1.</p>  <p>RECOMMENDED CENTRE CONTACT A/F HEX</p> 	<p><b>STEP 3</b></p> <p>1. SLIDE ITEM 10 PUSHER SLEEVE OVER DIELECTRIC BEFORE FITTING THE CONTACT. 2. FIT CONTACT OVER CENTRE CONDUCTOR TO BUTT AGAINST DIELECTRIC. 3. CRIMP USING TOOL AS NOTES ON PAGE 1.</p>  <p>PUSHER SLEEVE UNDER BRAID</p> <p>RECOMMENDED CENTRE CONTACT A/F HEX</p> 
<p><b>STEP 4</b></p> <p>1. PRESS SUB-ASSEMBLY INTO BODY, UNTIL CONTACT IS FULLY LOCATED BY AN AUDIBLE CLICK. 2. ENSURE THAT KNURLED HOUSING INSERTS BETWEEN THE DIELECTRIC AND CABLE BRAID.</p>  <p>HOUSING END UNDER BRAID</p>	<p><b>STEP 4</b></p> <p>1. PRESS SUB-ASSEMBLY INTO BODY, UNTIL CONTACT IS FULLY LOCATED BY AN AUDIBLE CLICK. 2. ENSURE THAT KNURLED HOUSING INSERTS BETWEEN THE PUSHER SLEEVE AND CABLE BRAID.</p>  <p>HOUSING END UNDER BRAID</p>
<p><b>STEP 5</b></p> <p>1. SLIDE CRIMP FERRULE ALONG THE CABLE UNTIL IT BUTTS AGAINST THE HOUSING BODY. 2. CRIMP USING TOOL AS NOTED ON PAGE 1. 3. CRIMP DIMENSION AS SHOWN.</p>  <p>RECOMMENDED CRIMP SLEEVE A/F HEX</p> 	<p><b>STEP 5</b></p> <p>1. SLIDE CRIMP FERRULE ALONG THE CABLE UNTIL IT BUTTS AGAINST THE BODY HOUSING. 2. CRIMP USING TOOL AS NOTED ON PAGE 1. 3. CRIMP DIMENSION AS SHOWN.</p>  <p>RECOMMENDED CRIMP SLEEVE A/F HEX</p> 

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DIMENSIONS: MM		CHK ANSON MA 24 Feb 09		
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0 PLC ± 0.5 1 PLC ± 0.3 2 PLC ± 0.2 3 PLC ± - 4 PLC ± - ANGLES ± - FINISH SEE TABLE		PRODUCT SPEC 108-112000	BNC STRAIGHT JACK CRIMP 50 OHM	
MATERIAL SEE TABLE		APPLICATION SPEC SHEET 2	SIZE A2	CAGE CODE 00779
		WEIGHT -	DRAWING NO C=1634511	RESTRICTED TO -
		CUSTOMER DRAWING	SCALE NTS	SHEET 2 of 2 REV D

1634511

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