![TE connectivity]

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5-1634511-2 Product Details

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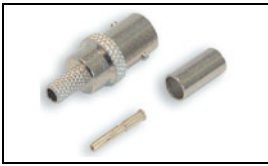
5-1634511-2

TE Internal Number: 5-1634511-2

✔ 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

Product Drawings:
- BNC STRAIGHT JACK CRIMP 50 OHM (PDF, English)

Catalog Pages/Data Sheets:
- ZDC_RF_COAX_CONNECTOR_SERIES_50&75_OHM (PDF, English)

Product Specifications:
- None Available

Application Specifications:
- None Available

Instruction Sheets:
- None Available

CAD Files:
- None Available

Related Products:
- Tooling

List all Documents

Product Features (Please use the Product Drawing for all design activity)

Product Type Features:
- Product Type = Connector - RF
- Gender = Jack
- Grade = Commercial
- Sealed = No
- Isolated = No
- Dielectric Material = Polymethylpentene

Mechanical Attachment:
- Surface Mountable = No
- Hardware Included = No
- Panel Mount Retention = Without

Electrical Characteristics:
- Connector Impedance (Ω) = 75

Termination Features:
- Coaxial Cable Termination Type = Crimp
- Crimp Type = Hex

Body Features:
- Body Style = Straight
- Body Shape = Circular
- Body Material = Zinc
- Body Plating = Nickel
- Polarized = No

Contact Features:
- Center Contact Material = Phosphor Bronze
- Center Contact Plating = Gold

Housing Features:
- Connector Style = Jack

Configuration Features:
- Coaxial Cable Type (RG/U or Mfg.) = 141A, 58C, 76, Belden 9907, KX 15, URM 43
- Number of Ports = 1

Industry Standards:
- Government/Industry Qualification = No
- RoHS/ELV Compliance = RoHS compliant, ELV compliant
- Lead Free Solder Processes = Not relevant for lead free process
- RoHS/ELV Compliance History = Always was RoHS compliant

Environmental:
- Operating Temperature (Max.) (°C) = 85

Conditions for Usage:
- Applies To = Coaxial Cable
- For Use With = ZDC/BNC Connector

Packaging Features:
- Packaging Method = Tray
- Packaging Quantity = 1/Bag

Other:
- Brand = TE Connectivity

	LOC E	DIST B		REVISIONS				

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.
			DIMENSIONS				

Item 6: Ø4.1, Ø3.06, Ø5.64, Ø6.5, 15.10±0.2

Item 7: Ø5.4, Ø6.4, 12.7

Item 5: Ø1.7, Ø3, 12.2

Item 2: ØA, Ø2.5, Ø2.1, 14.2

Items 4, 3: Ø11.8, Ø4.5, Ø3.2, Ø9.6, 11, 11.2, 28

Item 1

						Obsolete				
		1	1	–	–		BRASS	△4	CRIMP SLEEVE	7
		–	–	1	1		BRASS	△4	CRIMP SLEEVE	6
		–	–	1	1		NYLON		PUSHER SLEEVE	5
		1	1	1	1		POLYMETHYLPENTENE		INSULATOR	4
		1	1	1	1		POLYMETHYLPENTENE		INSULATOR	3
		1	1	1	1		PHOSPHOR BRONZE	△3	CONTACT	2
		1	1	1	1		ZINC ALLOY	△4	BODY	1
		5--3	5--2	5--15	-0		MATERIAL		DESCRIPTION	ITEM
		△1	△2	△1	△2					

QUANTITY PER ASSY   PARTS LIST

DWN	RITA ZUO	24 Feb 09
CHK	ANSON MA	24 Feb 09
APVD	BOB ZHAO	24 Feb 09

≡TE   TE Connectivity

NAME: BNC STRAIGHT JACK CRIMP 50 OHM —

DIMENSIONS: MM	TOLERANCES UNLESS OTHERWISE SPECIFIED:	
	0 PLC	± 0.5
	1 PLC	± 0.3
	2 PLC	± 0.2
	3 PLC	± –
	4 PLC	± –
	ANGLES	± –

PRODUCT SPEC: 108-112000

APPLICATION SPEC: SEE SHEET 2

WEIGHT: —

SIZE	CAGE CODE	DRAWING NO		RESTRICTED TO
A2	00779	C-1634511		—

MATERIAL: SEE TABLE   FINISH: SEE TABLE

CUSTOMER DRAWING

SCALE: NTS   SHEET 1 of 2   REV D

1471-9 (3/11)

1634511

LOC	DIST				REVISIONS			
E	B	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

STEP 1

1. SLIDE METAL CRIMP FERRULE OVER CABLE

STEP 1

1. SLIDE METAL CRIMP FERRULE OVER CABLE

STEP 2

1. STRIP CABLE TO DIMENSIONS AS SHOWN

17.50
10.30
12.70

STEP 2

1. STRIP CABLE TO DIMENSIONS AS SHOWN

19.50
12.30
14.70

STEP 3

1. FIT CONTACT OVER CENTRE CONDUCTOR TO BUTT AGAINST DIELECTRIC.

2. CRIMP USING TOOL AS NOTES ON PAGE 1.

RECOMMENDED CENTRE CONTACT A/F HEX
1.75

STEP 3

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.

PUSHER SLEEVE UNDER BRAID

RECOMMENDED CENTRE CONTACT A/F HEX
1.75

STEP 4

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.

HOUSING END UNDER BRAID

STEP 4

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.

HOUSING END UNDER BRAID

STEP 5

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.

RECOMMENDED CRIMP SLEEVE A/F HEX
5.80

STEP 5

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.

RECOMMENDED CRIMP SLEEVE A/F HEX
5.60

1634511

THIS DRAWING IS A CONTROLLED DOCUMENT.	DWN RITA ZUO	24 Feb 09	
	CHK ANSON MA	24 Feb 09	
	APVD BOB ZHAO	24 Feb 09	

TE Connectivity

DIMENSIONS: MM

TOLERANCES UNLESS OTHERWISE SPECIFIED:
0 PLC ± 0.5
1 PLC ± 0.3
2 PLC ± 0.2
3 PLC ± —
4 PLC ± —
ANGLES ± —

NAME
BNC STRAIGHT JACK CRIMP 50 OHM
—

PRODUCT SPEC
108-112000

APPLICATION SPEC
SHEET 2

MATERIAL
SEE TABLE

FINISH
SEE TABLE

WEIGHT —

SIZE	CAGE CODE	DRAWING NO		RESTRICTED TO
A2	00779	C-1634511		—

CUSTOMER DRAWING

SCALE NTS   SHEET 2 OF 2   REV D