



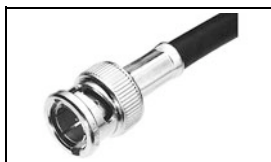
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5413589-8 Product Details

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5413589-8

TE Internal Number: 5413589-8

Active

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BNC RF Connectors

Always EU RoHS/ELV Compliant (Statement of Compliance)

Product Highlights:

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

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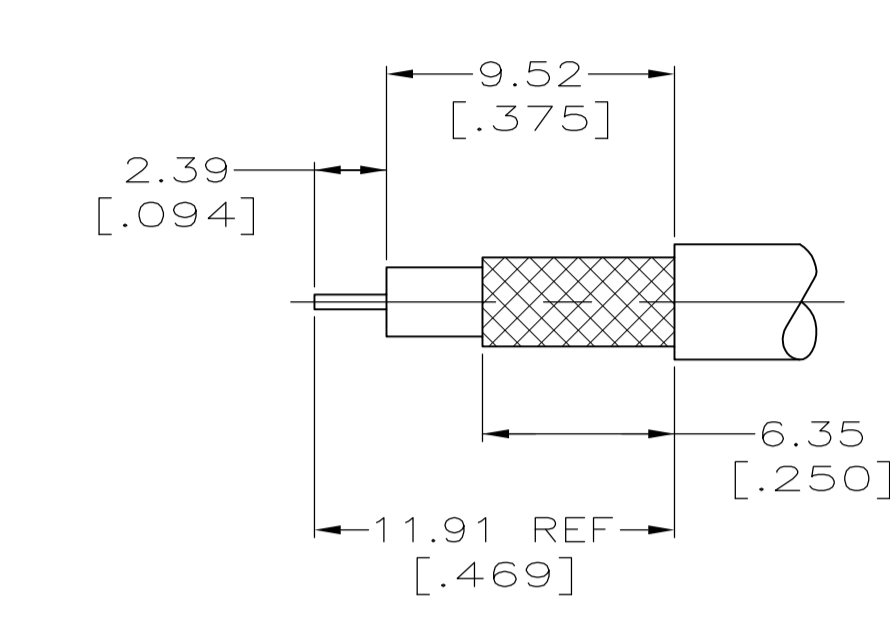
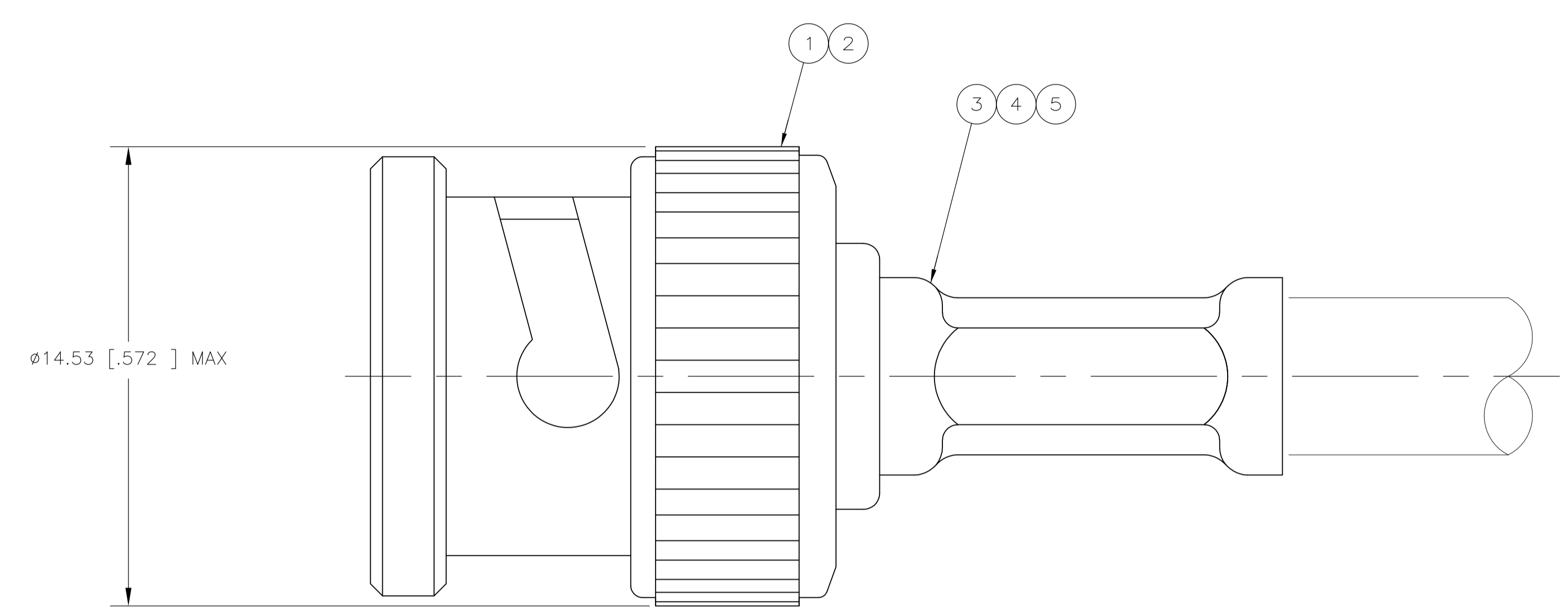
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Documentation & Additional Information	
<p>Product Drawings:</p> <ul style="list-style-type: none"> • PLUG, 75 OHM, HEX CRIMP, BNC (PDF, English) <p>Catalog Pages/Data Sheets:</p> <ul style="list-style-type: none"> • BNC Connectors (PDF, English) <p>Product Specifications:</p> <ul style="list-style-type: none"> • None Available <p>Application Specifications:</p> <ul style="list-style-type: none"> • None Available <p>Instruction Sheets:</p> <ul style="list-style-type: none"> • 75-Ohm RF Series BNC Hex Crimp Plug Connectors 413589-() (PDF, English) <p>CAD Files: (CAD Format & Compression Information)</p> <ul style="list-style-type: none"> • 2D Drawing (DXF, Version A) • 3D Model (IGES, Version A) • 3D Model (STEP, Version A) 	<p>Related Products:</p> <ul style="list-style-type: none"> • Tooling

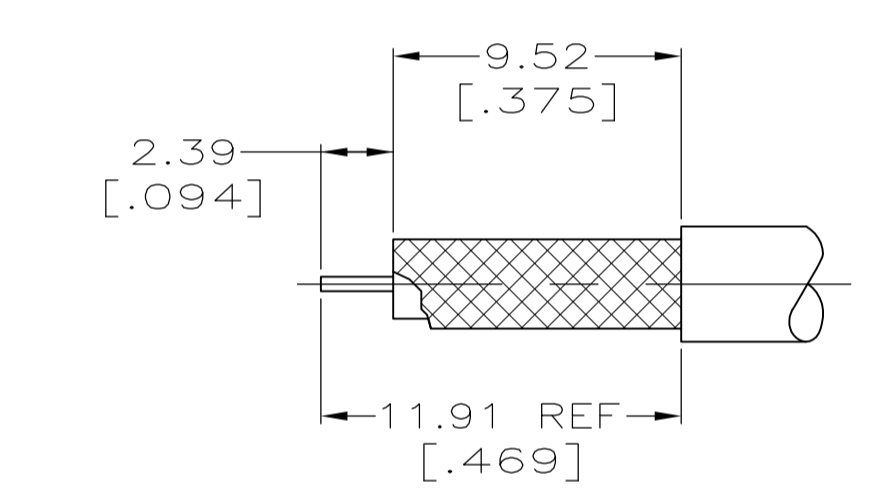
[List all Documents](#)

Product Features (Please use the Product Drawing for all design activity)	
<p>Product Type Features:</p> <ul style="list-style-type: none"> • Product Type = Connector - RF • Gender = Plug • Grade = Commercial • Sealed = No • Isolated = No • Dielectric Material = Polyethylene • Coupling Nut Material = Brass • Solder Terminal = Without <p>Mechanical Attachment:</p> <ul style="list-style-type: none"> • Surface Mountable = No • Hardware Included = No • Panel Mount Retention = Without <p>Electrical Characteristics:</p> <ul style="list-style-type: none"> • Connector Impedance (Ω) = 75 <p>Termination Features:</p> <ul style="list-style-type: none"> • Coaxial Cable Termination Type = Crimp • Crimp Type = Hex <p>Body Features:</p> <ul style="list-style-type: none"> • Body Style = Straight • Body Plating = Nickel • Body Insulation = Without • Polarized = No 	<p>Contact Features:</p> <ul style="list-style-type: none"> • Center Contact Material = Brass • Center Contact Plating = Gold <p>Housing Features:</p> <ul style="list-style-type: none"> • Connector Style = Plug <p>Configuration Features:</p> <ul style="list-style-type: none"> • Coaxial Cable Type (RG/U or Mfg.) = 179, 179A, 179B, 187, 187A • Number of Ports = 1 <p>Industry Standards:</p> <ul style="list-style-type: none"> • 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 <p>Conditions for Usage:</p> <ul style="list-style-type: none"> • Applies To = Coaxial Cable <p>Other:</p> <ul style="list-style-type: none"> • Brand = AMP

- △ USE PRO-CRIMPER II: 354940-1
- 2. USE INSTRUCTION SHEET 408-9766
- △ SPECIAL PACKAGING: BULK PACKAGE 25 PIECES
- △ SPECIAL PACKAGING: BULK PACKAGE 100 PIECES



RECOMMENDED STRIP LENGTH
SCALE 4:1



RECOMMENDED STRIP LENGTH
SCALE 4:1
(FOR 5413589-5 ONLY)

△	RAYDEX/CDT RA7000	1.07	[.042]	5.41	[.213]	58425-1	-	-	8-221132-9	413657-2	9-413653-2	2-5413589-5
△	3M TYPE 138	1.07	[.042]	4.52	[.178]	58425-2	227194-2	222001-4	9-413658-0	1-413657-5	9-413653-1	2-5413589-3
△	CUSTOM CABLE: C/C= $\phi 0.021$, DIELECTRIC= $\phi 0.122$, JACKET= $\phi 0.173$	1.07	[.042]	5.41	[.213]	58425-1	-	-	9-221132-0	1-413657-0	9-413653-2	2-5413589-1
△	BELDEN 8218 AND JIS 2.5C-2V	1.07	[.042]	4.52	[.178]	58425-2	-	-	9-221132-6	413657-4	9-413653-1	1-5413589-6
△	JIS 3C-2V	1.07	[.042]	5.41	[.213]	58425-1	-	-	9-221132-4	1-413657-0	9-413653-2	1-5413589-1
	AT&T 735A C/C= $\phi 0.016$, DIELECTRIC= $\phi 0.077$, JACKET= $\phi 0.130$	1.07	[.042]	4.52	[.178]	58425-2	-	-	9-413658-2	413657-4	9-413653-1	1-5413589-0
	RG-59 TYPE WITH .031 DIA CENTER CONTACT, BELDEN 9266, 9240 & 9259	1.07	[.042]	6.47	[.255]	58425-1	-	-	9-221132-1	413657-8	9-413653-0	5413589-9
	RG-179/U, 179A/U, 179B/U, 187/U & 187A/U	1.07	[.042]	4.52	[.178]	58425-2	227194-2	222001-4	9-413658-0	413657-6	9-413653-1	5413589-8
	AT&T 734A	1.07	[.042]	6.47	[.255]	58425-1	-	-	9-221132-3	413657-8	9-413653-4	5413589-7
	TIMES RG-59/U, DOUBLE BRAID, .270 OD JACKET	1.07	[.042]	8.23	[.324]	58425-3	-	-	9-221132-2	413657-2	9-413653-0	5413589-6
	BELDEN 8281, 9231 & AT&T 728 AND JIS 5C-2V	1.07	[.042]	8.23	[.324]	58425-3	-	-	9-221132-2	413657-8	9-413653-3	5413589-5
	BELDEN 8218 AND JIS 2.5C-2V	1.07	[.042]	4.52	[.178]	58425-2	-	-	9-221132-6	413657-4	9-413653-1	5413589-3
	RG-59/U, 59A/U & 59B/U	1.07	[.042]	6.48	[.255]	58425-1	-	-	9-221132-1	413657-2	9-413653-0	5413589-2
	BELDEN 88241	1.07	[.042]	6.48	[.255]	58425-1	-	-	9-413658-3	413657-2	9-413653-0	5413589-1
	FOR USE WITH CABLE			CONTACT CRIMP (SQUARE)	FERRULE CRIMP (HEX)	DIE SET △	⑤ TUBING, PLASTIC QTY=1	④ TUBING QTY=1	③ FERRULE QTY=1	② CONTACT QTY=1	① PLUG ASSY QTY=1	PART NUMBER

THIS DRAWING IS A CONTROLLED DOCUMENT.

DIMENSIONS: mm (INCHES)

TOLERANCES UNLESS OTHERWISE SPECIFIED:

0 PLC	± -
1 PLC	± -
2 PLC	± 0.41 [016]
3 PLC	± -
4 PLC	± -
ANGLES	± -

MATERIAL: - FINISH: -

APPROVALS:

DIN	L. VARELA - 22APR2005
CHK	DOCKS 22APR2005
APVD	J. HAVENER 22APR2005
NAME	J. LIPPERT

PRODUCT SPEC: - APPLICATION SPEC: -

SIZE: A1 CAGE CODE: 00779 DRAWING NO: 5413589

RESTRICTED TO: -

CUSTOMER DRAWING SCALE: 8:1 SHEET: 1 OF 1 REV: B1

STE TE Connectivity

PLUG, 75 OHM, HEX CRIMP, BNC