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NOV , 2005.

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LOC

DIST

REVISIONS

P

LTR

DESCRIPTION

DATE

DWN

APVD

D

ECR-14-015173

31DEC2014

RZ

MY

NOTES:

1 PACKAGE ONE COMPLETE CONNECTOR IN HEAT SEALED, LABELED BAG/ 200 PCS PER SHIPPING BOX. LABELED PER TEC-107-115.

2 100 TRAY PACK IN ACCORDANCE WITH AMP SPEC 107-3275

3 Ag PLATING

4 Zn PLATING

5 THIS ITEM MUST BE WHITE

6 HAND TOOL : 9-1478240-0

7 DIE SET : 9-1478245-0

8 ELECTRICAL CHARACTERISTICS

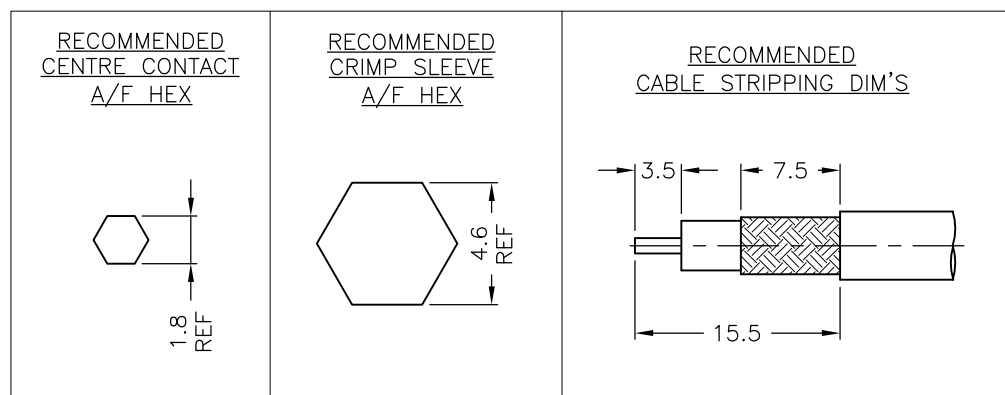
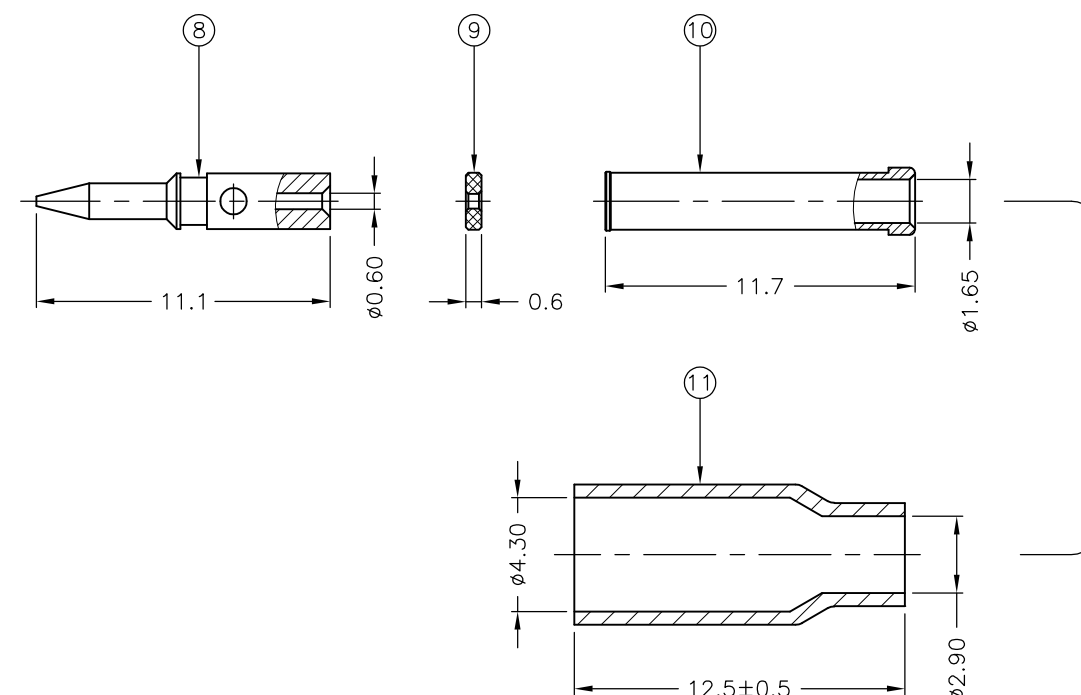
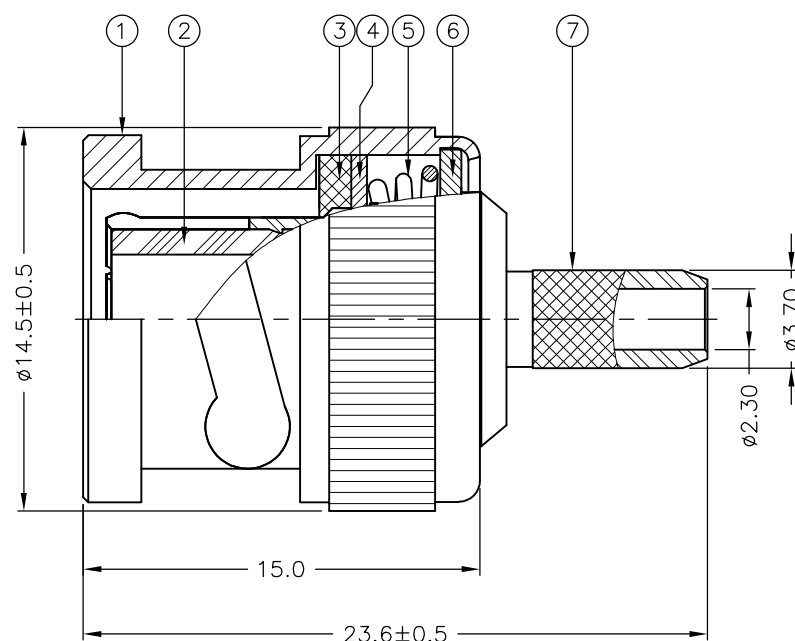
FREQUENCY RANGE: DC - 4 GHz
NOMINAL IMPEDANCE: 50 Ohm
INSULATION RESISTANCE: 5000 MOhm
WORKING VOLTAGE: 500 Volts RMS at Sea Level
DIELECTRIC WITHSTAND VOLTAGE: 1500 Volts RMS Max
CONTACT RESISTANCE:
CENTER CONTACT: 1.50 mOhm Max
OUTER CONTACT: 1.00 mOhm Max
VSWR @ 4GHz: 1.30:1 Max
INSERTION LOSS dB @ x 3 GHz: 0.20 Max

9 MECHANICAL CHARACTERISTICS

COUPLING NUT RETENTION FORCE: 266N Min
CABLE RETENTION FORCE: 43.5 N Min
DURABILITY: 500 Cycles Min

10 ENVIRONMENTAL CHARACTERISTICS

OPERATING TEMPERATURE: -65 to +165 DegC



		1	1	BRASS	3	FERRULE	11
		1	1	BRASS	3	SLEEVE	10
		1	1	PTFE		INSULATION	9
		1	1	BRASS	3	CONTACT	8
		1	1	BRASS	3	BODY	7
		1	1	SK5	3	WASHER	6
		1	1	SPRING STEEL	4	SPRING	5
		1	1	SK5	3	WASHER	4
		1	1	SILICON RUBBER	5	GASKET	3
		1	1	PTFE		INSULATION	2
		1	1	BRASS	3	SHELL	1
		6--0	1--0	MATERIAL		DESCRIPTION	ITEM
		2	1				
QUANTITY PER ASSY				PARTS LIST			

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DWN J.SANDWELL 21NOV05

CHK S.PARLOW 21NOV05

APVD F.WHEELER-KING 21NOV05

PRODUCT SPEC

108-112000

APPLICATION SPEC

WEIGHT

-

CUSTOMER DRAWING



TE Connectivity

NAME

BNC STRAIGHT PLUG CRIMP 50 OHM
RG174A/U, 188A/U, 316/U, URM95, KX3B, KX22A

SIZE

CAGE CODE

DRAWING NO

RESTRICTED TO

A300779

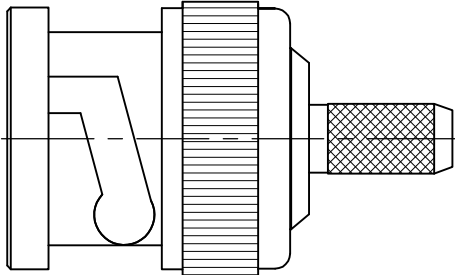
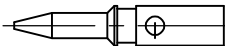
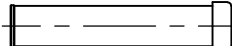
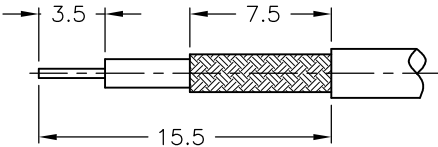
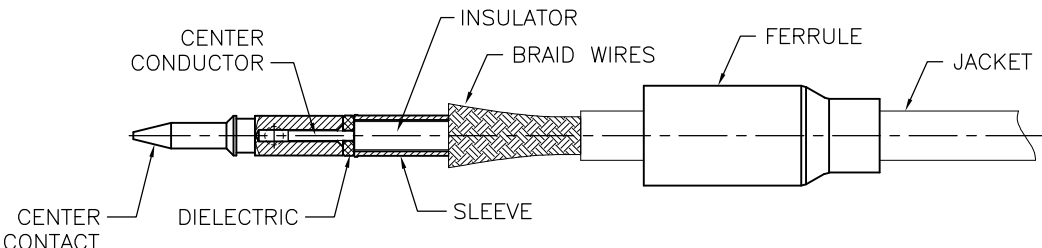
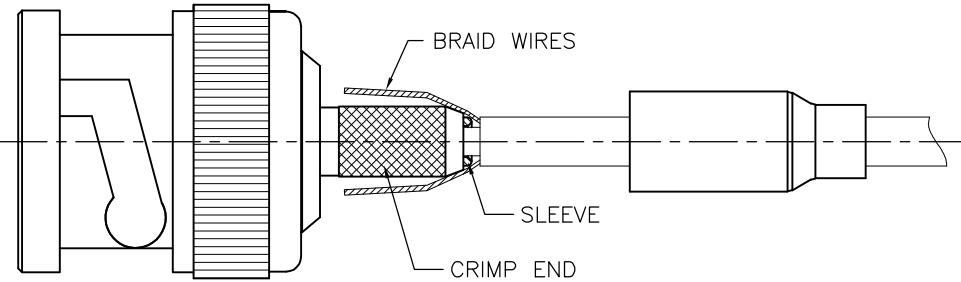
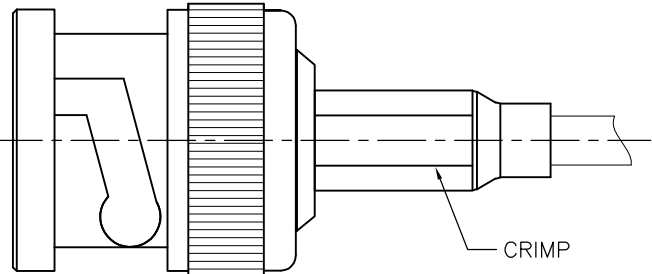
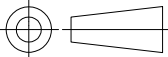
C-1337430

SCALE NTS

SHEET

1 OF 2

REV D

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© COPYRIGHT 2005 By -		ALL RIGHTS RESERVED.				E		B		P		LTR		DESCRIPTION		DATE		DWN		APVD	
												-		SEE SHEET 1		-		-		-	
COMPONENTS																					
MAIN BODY (ITEM 1, 2, 3, 4, 5, 6, 7)						CENTER CONTACT (ITEM 8)				DIELECTRIC (ITEM 9)				SLEEVE (ITEM 10)				FERRULE (ITEM 11)			
																					
ASSEMBLY INSTRUCTIONS																					
<u>STEP 1: PREPARATION OF CABLE</u> 1. TRIM CABLE TO DIMENSIONS SHOWN. BE CAREFUL TO AVOID NICKING THE BRAID. 2. REMOVE ANY RESIDUAL PLASTIC FROM CENTER CONDUCTOR.																					
<u>STEP 2: ASSEMBLE FERRULE, SLEEVE, DIELECTRIC AND CENTER CONTACT</u> 1. SLIDE FERRULE ONTO THE JACKET OF CABLE. 2. SLIDE SLEEVE ONTO THE INSULATOR OF CABLE AND FLARE THE BRAID WIRES ON SLEEVE. 3. SLIDE DIELECTRIC ONTO THE CENTER CONDUCTOR OF CABLE. 4. SOLDERING OR CRIMP CENTER CONTACT WITH CABLE.																					
<u>STEP 3: ASSEMBLY WITH BODY</u> 1. INSERT STEP 2 CABLE ASSEMBLY INTO CONNECTOR BODY AND FLARE THE BRAID WIRES ON THE CRIMP END OF BODY.																					
<u>STEP 4: CRIMP FERRULE</u> 1. SLIDE FERRULE ON THE BRAID WIRES AND CRIMP FERRULE.																					
THIS DRAWING IS A CONTROLLED DOCUMENT.												DWN J.SANDWELL 21NOV05		 TE Connectivity							
DIMENSIONS:		TOLERANCES UNLESS OTHERWISE SPECIFIED:		CHK S.PARLOW 21NOV05		APVD F.WHEELER-KING 21NOV05		NAME													
mm				PRODUCT SPEC		108-112000		APPLICATION SPEC		SIZE		CAGE CODE		DRAWING NO		RESTRICTED TO					
		0 PLC ± - 1 PLC ± - 2 PLC ± - 3 PLC ± - 4 PLC ± - ANGLES ± -		FINISH		-		WEIGHT		A3		00779		C-1337430		-					
MATERIAL		SEE TABLE		-		CUSTOMER DRAWING		SCALE		NTS		SHEET		2 OF 2		REV		D			