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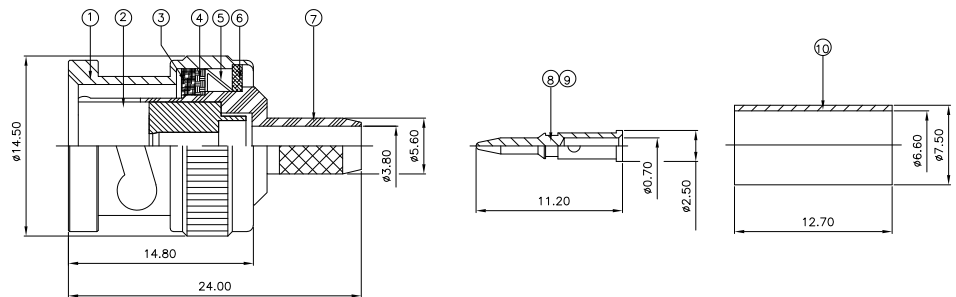
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LOC	DIST	REVISIONS			
P	LTR	DESCRIPTION	DATE	DWN	APVD
D		ECR-05-015561	14NOV05	JMS	FWK
E		ECR-08-022547	29AUG08	PK	PB

- NOTES:**
- 1. SINGLE PACK IN ACCORDANCE WITH AMP SPEC 107-3275
  - 2. 100 TRAY PACK IN ACCORDANCE WITH AMP SPEC 107-3275
  - 3. FLASH Au PLATING
  - 4. 0.8µm Au PLATING
  - 5. Ni PLATING
  - 6. THIS ITEM MUST BE WHITE
  - 7. HAND TOOL : 9-1478240-0
  - 8. DIE SET : 9-1478242-0
  - 9. **ELECTRICAL CHARACTERISTICS**
    - FREQUENCY RANGE: DC - 2 GHz
    - NOMINAL IMPEDANCE: 75 Ohm
    - INSULATION RESISTANCE: 5000 MOhm
    - WORKING VOLTAGE: 500 Volts RMS at Sea Level
    - DIELECTRIC WITHSTAND VOLTAGE: 1500 Volts RMS Max
    - CONTACT RESISTANCE: 1.50 mOhm Max
    - CENTRE CONTACT: 0.20 mOhm Max
    - OUTER CONTACT: 1.20 mOhm Max
    - VSWR @ 4GHz: 1.20:1 Max
    - INSERTION LOSS dB @ x 3 GHz: 0.20 Max
  - 10. **MECHANICAL CHARACTERISTICS**
    - COUPLING NUT RETENTION FORCE: 445N Min
    - CABLE RETENTION FORCE: 170N Min
    - DURABILITY: 500 Cycles Min
  - 11. **ENVIRONMENTAL CHARACTERISTICS**
    - OPERATING TEMPERATURE: -65 to +165 DegC



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

THIS DRAWING IS A CONTROLLED DOCUMENT.

DIMENSIONS: mm	TOLERANCES UNLESS OTHERWISE SPECIFIED:	DWN J. SANDWELL 12SEPT05	CHK S. PARLOW 12SEPT05	Tyco Electronics Tyco Electronics Corporation Bideford, UK, EX39 4HE	
0 PLC ±	1 PLC ±	APVD F. WHEELER-KING 12SEPT05	NAME	BNC STRAIGHT PLUG CRIMP 75 OHM	
2 PLC ±	3 PLC ±	PRODUCT SPEC	108-3435		RESTRICTED TO
4 PLC ±	ANGLES ±	APPLICATION SPEC	SIZE	CAGE CODE	DRAWING NO
MATERIAL	FINISH	WEIGHT	A3	00779	C=1337428
SEE TABLE	SEE TABLE	CUSTOMER DRAWING	SCALE	NTS	SHEET 1 OF 2 REV E

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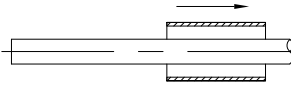
LOC	DIST	REVISIONS			
P	LTR	DESCRIPTION	DATE	DWN	APVD
E	B	SEE SHEET 1	-	-	-

## ASSEMBLY INSTRUCTION

CABLES: RG59B/U

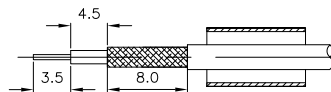
## STEP 1

1. SLIDE METAL CRIMP FERRULE OVER CABLE



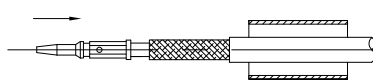
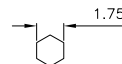
## STEP 2

1. STRIP CABLE TO DIMENSIONS AS SHOWN



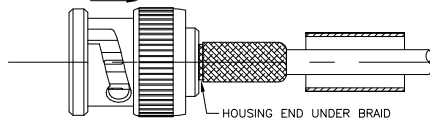
## STEP 3

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

## STEP 4

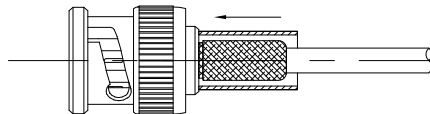
1. PRESS SUB-ASSEMBLY INTO BODY, UNTIL CONTACT IS FULLY LOCATED BY AN AUDIBLE CLICK.
2. ENSURE THAT KNURLED HOUSING INSERTS BETWEEN THE DIELECTRIC AND CABLE BRAID.



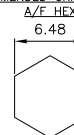
HOUSING END UNDER BRAID

## STEP 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



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DIMENSIONS:	TOLERANCES UNLESS OTHERWISE SPECIFIED:
mm	
0 PLC	± -
1 PLC	± -
2 PLC	± -
3 PLC	± -
4 PLC	± -
ANGLES	± -
MATERIAL	FINISH
SEE TABLE	SEE TABLE

DWN	J. SANDWELL	12SEPT05
CHK	S. PARLOW	12SEPT05
APVD	E. WHEELER-KING	12SEPT05
NAME	BNC STRAIGHT PLUG CRIMP 75 OHM	
PRODUCT SPEC	RG59B/U, 62A/U, 140/U, 210/U, URM90	
APPLICATION SPEC	KX6A, KX25, KX52, KX53	
WEIGHT	411-3247	
CUSTOMER DRAWING		

Tyco Electronics Corporation		Bideford, UK, EX39 4HE	
SIZE	A3	CAGE CODE	00779
DRAWING NO	1337428		
RESTRICTED TO	-		
SCALE	NTS	SHEET	2 OF 2
REV	E		

AMP 1470-19 REV 31MAR2000