

4

3

2

1

LOC	DIST	REVISIONS					
		P	LTR	DESCRIPTION		DATE	APVD
E	B		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

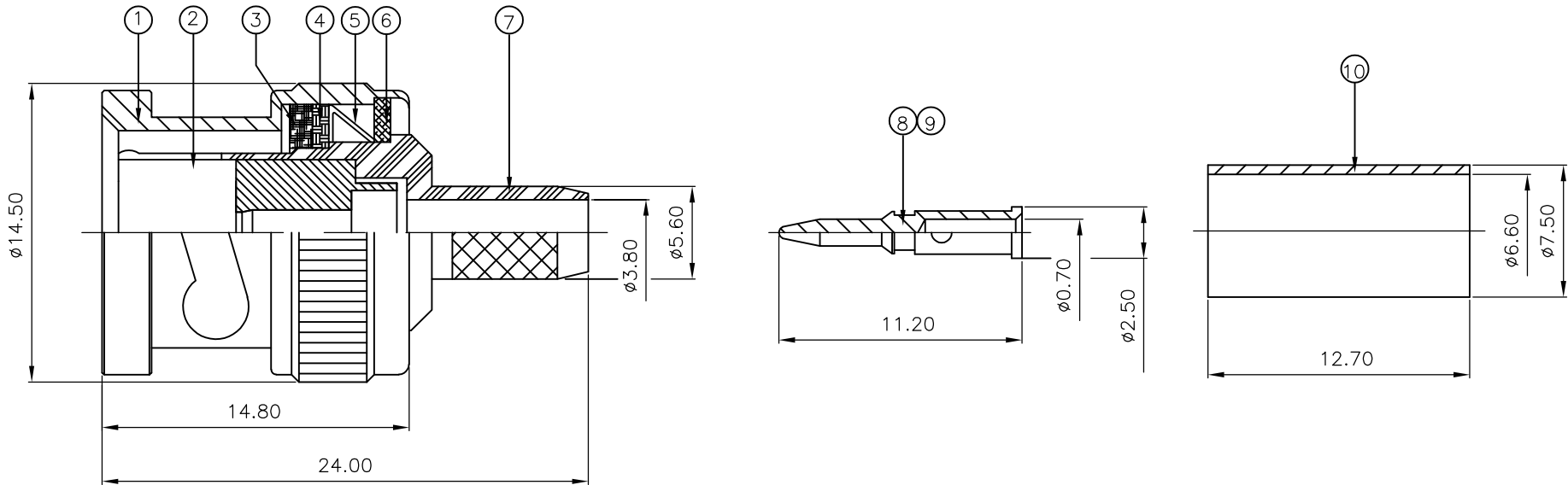
FREQUENCY RANGE:	DC - 2 GHz
NOMINAL IMPEDANCE:	75 Ohm
INSULATION RESISTANCE:	5000 MOhm
WORKING VOLTAGE:	500 Volts RMS at Sea Level
DIELECTRIC WITHSTAND VOLTAGE:	1500 Volts RMS Max
CONTACT RESISTANCE:	
CENTRE CONTACT:	1.50 mOhm Max
OUTER CONTACT:	0.20 mOhm Max
VSWR @ 4GHz:	1.20:1 Max
INSERTION LOSS dB @ 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
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1	1	1	1	BRASS	5	FERRULE	10
1	1	-	-	BRASS	4	CONTACT	9
-	-	1	1	BRASS	3	CONTACT	8
1	1	1	1	BRASS	5	BODY	7
1	1	1	1	BRASS	5	WASHER	6
1	1	1	1	SPRING STEEL		SPRING	5
1	1	1	1	BRASS	5	WASHER	4
1	1	1	1	SILICON RUBBER	6	GASKET	3
1	1	1	1	PTFE		INSULATION	2
1	1	1	1	BRASS	5	SHELL	1
6--1	1--1	6--0	1--0	MATERIAL		DESCRIPTION	ITEM

2 1 2 1			
QUANTITY PER ASSY		PARTS LIST	
Tyco Electronics		Tyco Electronics Corporation Bideford, UK, EX39 4HE	
NAME BNC STRAIGHT PLUG CRIMP 75 OHM RG59B/U, 62A/U, 140/U, 210/U, URM90 KX6A, KX25, KX52, KX53			
SIZE	CAGE CODE	DRAWING NO	RESTRICTED TO
A3	00779	C-1337428	—
		SCALE NTS	SHEET 1 OF 2
			REV E

THIS DRAWING IS UNPUBLISHED.

RELEASED FOR PUBLICATION

SEPT , 2005.



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LOC

E

DIST

B

REVISIONS

P

LTR

DESCRIPTION

DATE

DWN

APVD

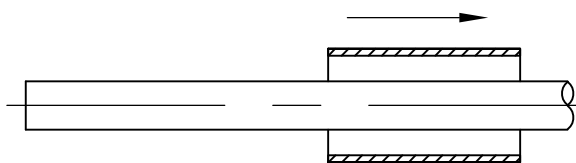
SEE SHEET 1

ASSEMBLY INSTRUCTION

CABLES: RG59B/U

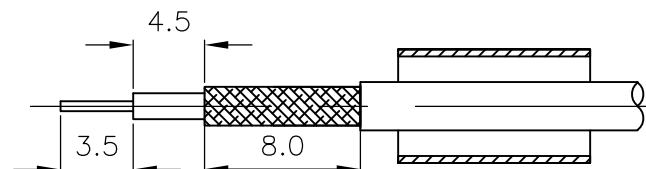
STEP 1

1. SLIDE METAL CRIMP FERRULE OVER CABLE



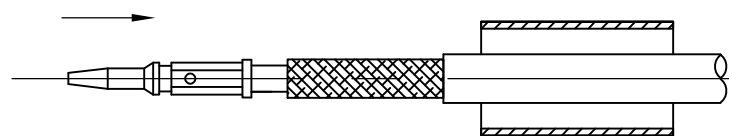
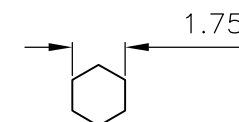
STEP 2

1. STRIP CABLE TO DIMENSIONS AS SHOWN



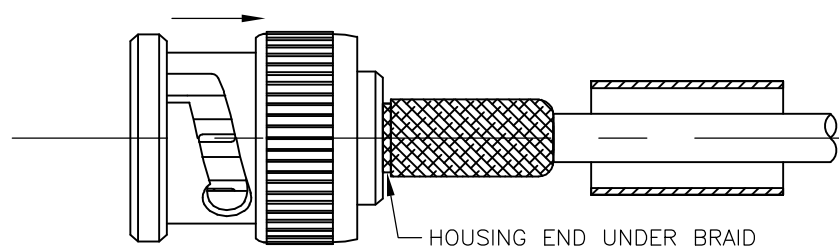
STEP 3

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

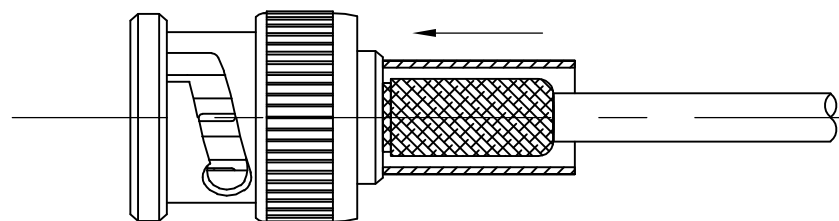
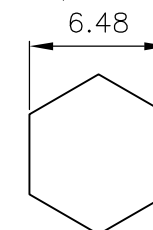
STEP 4

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.

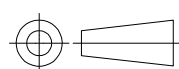


STEP 5

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

THIS DRAWING IS A CONTROLLED DOCUMENT.

DIMENSIONS:
mm

MATERIAL

SEE TABLE

TOLERANCES UNLESS
OTHERWISE SPECIFIED:0 PLC ± -
1 PLC ± -
2 PLC ± -
3 PLC ± -
4 PLC ± -
ANGLES ± -

FINISH

SEE TABLE

DWN 12SEPT05

J.SANDWELL

CHK 12SEPT05

S.PARLOW

APVD 12SEPT05

F.WHEELER-KING

PRODUCT SPEC

108-3435

APPLICATION SPEC

411-3247

WEIGHT

-

CUSTOMER DRAWING

Tyco Electronics Corporation
Bideford, UK, EX39 4HE

NAME

BNC STRAIGHT PLUG CRIMP 75 OHM
RG59B/U, 62A/U, 140/U, 210/U, URM90
KX6A, KX25, KX52, KX53

SIZE

CAGE CODE

DRAWING NO

RESTRICTED TO

A3

00779

C-1337428

-

SCALE NTS

SHEET 2 OF 2

REV E

Mouser Electronics

Authorized Distributor

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[6-1337428-0](#)