

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: 1.50 mOhm Max

CENTRE CONTACT: 0.20 mOhm Max

OUTER CONTACT: 1.20:1 Max

VSWR @ 4GHz: 1.20:1 Max

INSERTION LOSS dB @ x 3 GHz: 0.20 Max
- 10

MECHANICAL CHARACTERISTICS

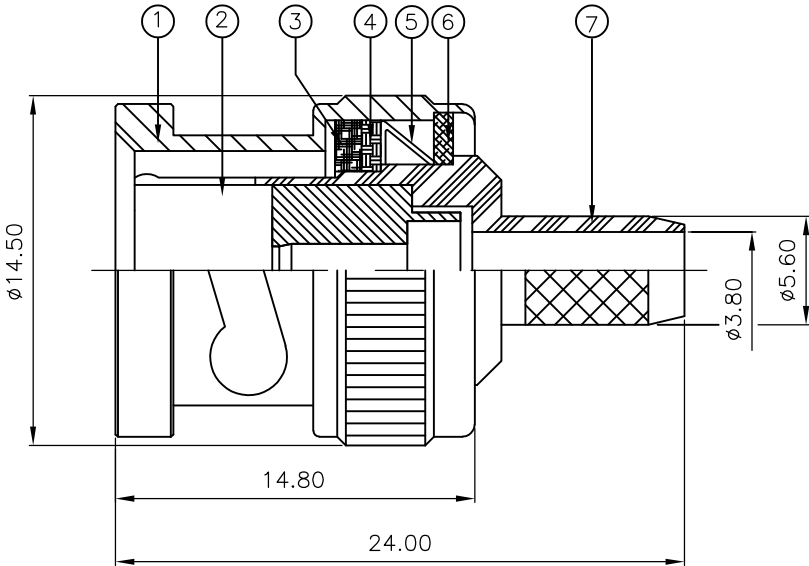
COUPLING NUT RETENTION FORCE: 445N Min

CABLE RETENTION FORCE: 170N Min

DURABILITY: 500 Cycles Min
- 11

ENVIRONMENTAL CHARACTERISTICS

OPERATING TEMPERATURE: -65 to +165 DegC



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

DWN	J.SANDWELL	12SEPT05
CHK	S.PARLOW	12SEPT05
APVD	F.WHEELER-KING	12SEPT05
PRODUCT SPEC	108-3435	
APPLICATION SPEC	411-3247	
WEIGHT	-	
CUSTOMER DRAWING		

THIS DRAWING IS UNPUBLISHED.

RELEASED FOR PUBLICATION

SEPT , 2005.



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LOC

E

DIST

B

REVISIONS

P

LTR

DESCRIPTION

DATE

DWN

APVD

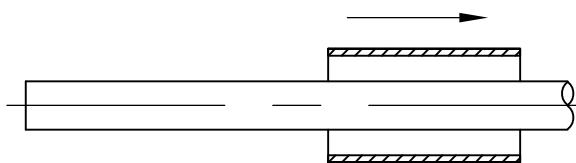
SEE SHEET 1

ASSEMBLY INSTRUCTION

CABLES: RG59B/U

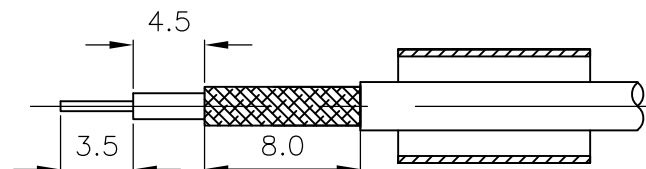
STEP 1

1. SLIDE METAL CRIMP FERRULE OVER CABLE



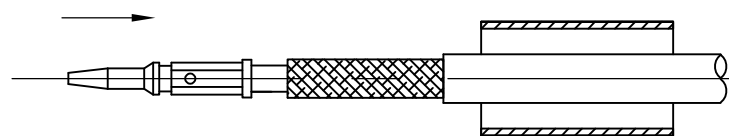
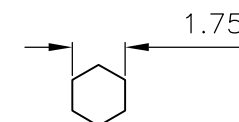
STEP 2

1. STRIP CABLE TO DIMENSIONS AS SHOWN



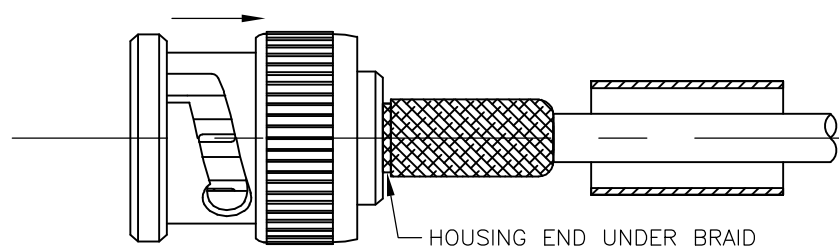
STEP 3

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

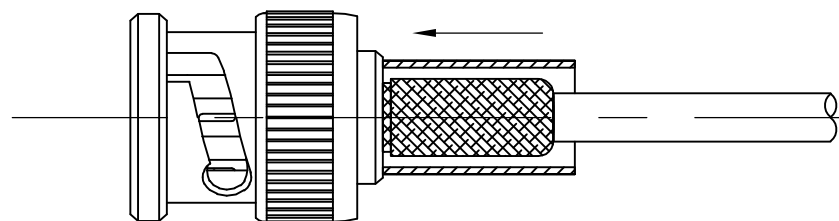
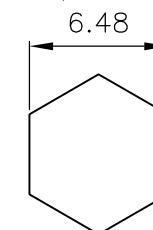
STEP 4

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.

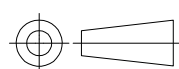


STEP 5

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

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-

SCALE NTS

SHEET 2 OF 2

REV E