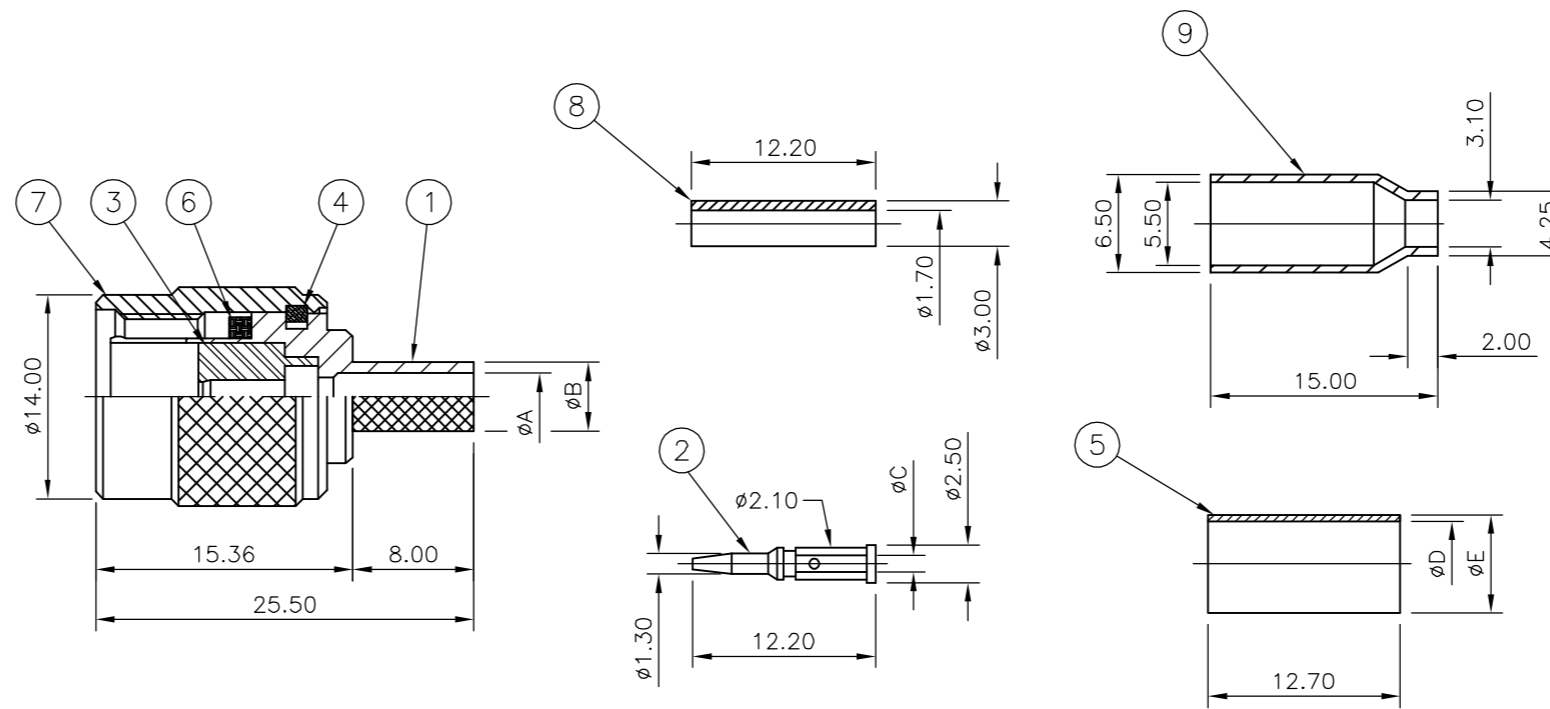


THIS DRAWING IS UNPUBLISHED. RELEASED FOR PUBLICATION SEPT., 2006.
 © COPYRIGHT 2006 BY TYCO ELECTRONICS CORPORATION. ALL RIGHTS RESERVED.

Loc	DIST	REVISIONS							
		P	LTR	DESCRIPTION	DATE	DWN	APVD		
E	B	A		FIRST ISSUE	08SEP06	JMS	FWK		
		7.4	6.5	0.7	5.45	3.8	9-1478242-0	RG59B/U, 62A/U, 140/U, 210/U, URM90, KX 6A, KX 25, KX 52, KX 53	5-1814801-3
		7.4	6.5	0.7	5.45	3.8	9-1478242-0	RG59B/U, 62A/U, 140/U, 210/U, URM90, KX 6A, KX 25, KX 52, KX 53	5-1814801-2
		6.4	5.4	0.7	4.5	3.1	9-1478242-0	RG179B/U, 187A/U, URM111	5-1814801-1
		6.4	5.4	0.7	4.5	3.1	9-1478242-0	RG179B/U, 187A/U, URM111	5-1814801-0
		E	D	C	B	A	DIE SET	CABLE GROUPS	PART NO.

- NOTES**
- 1 SINGLE PACK IN ACCORDANCE WITH AMP SPEC 107-3275
 - 2 100 TRAY PACK IN ACCORDANCE WITH AMP SPEC 107-3275
 - 3 Au PLATING
 - 4 Ni PLATING
 - 5 THIS ITEM MUST BE WHITE
 - 6 HAND TOOL: 9-1478240-0
 - 7 DIE SET: SEE TABLE
 - 8 CHARACTERISTICS
 FREQUENCY RANGE: DC-2GHz
 NOMINAL IMPEDANCE: 75 OHMS
 INSULATION RESISTANCE: 5000 MOHMS
 DIELECTRIC WITHSTAND VOLTAGE: 1500V RMS
 WORKING VOLTAGE: 500V MAX AT SEA LEVEL
 CONTACT RESISTANCE:
 CENTRE CONTACT 1.5 mOHMS
 OUTER CONTACT 0.2 mOHMS
 - 9 MECHANICAL CHARACTERISTICS
 DURABILITY: 50 CYCLES
 - 10 FOR TECHNICAL DATA REFER TO YOUR LOCAL TYCO ELECTRONICS SALES OFFICE
 - 11 ALL DIMENSIONS ARE NOMINAL FOR REFERENCE ONLY UNLESS OTHERWISE STATED



QTY	UNIT	MATERIAL	DESCRIPTION	ITEM		
-	-	1	1	BRASS	FERRULE	9
-	-	1	1	NYLON	PUSHER SLEEVE	8
1	1	1	1	ZINC ALLOY	COUPLING NUT	7
1	1	1	1	SILCON RUBBER	GASKET	6
1	1	-	-	BRASS	FERRULE	5
1	1	1	1	BRASS	CIRCLIP	4
1	1	1	1	POLYMETHYLPENTENE	INSULATOR	3
1	1	1	1	BRASS	CONTACT	2
1	1	1	1	ZINC ALLOY	BODY	1
5	35	25	15	MATERIAL	DESCRIPTION	ITEM

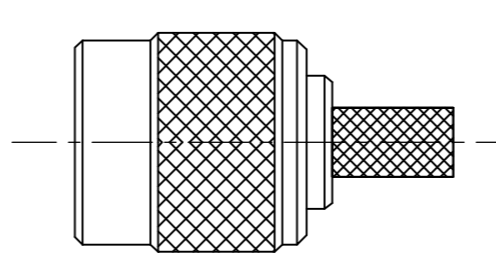
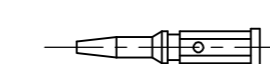
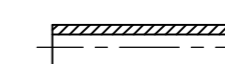
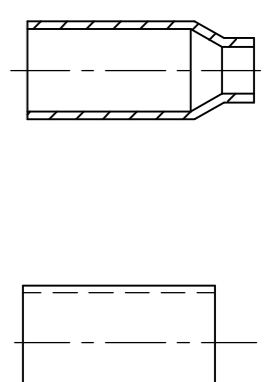
THIS DRAWING IS A CONTROLLED DOCUMENT.		DWN	J.SANDWELL	08SEP06	Tyco Electronics Corporation Bideford, UK, EX39 4HE													
DIMENSIONS: mm		CHK	S.PARLOW	08SEP06														
TOLERANCES UNLESS OTHERWISE SPECIFIED		APVD	F.WHEELER-KING	08SEP06														
<table border="1"> <tr><td>0 PLC</td><td>±</td></tr> <tr><td>1 PLC</td><td>±</td></tr> <tr><td>2 PLC</td><td>±</td></tr> <tr><td>3 PLC</td><td>±</td></tr> <tr><td>4 PLC</td><td>±</td></tr> <tr><td>ANGLES</td><td>±</td></tr> <tr><td>FINISH</td><td>±</td></tr> </table>		0 PLC	±	1 PLC		±	2 PLC	±	3 PLC	±	4 PLC	±	ANGLES	±	FINISH	±	PRODUCT SPEC	TNC STRAIGHT PLUG HEX CRIMP 75 OHM
0 PLC	±																	
1 PLC	±																	
2 PLC	±																	
3 PLC	±																	
4 PLC	±																	
ANGLES	±																	
FINISH	±																	
MATERIAL SEE TABLE		APPLICATION SPEC	SEE SHEET 2		SIZE	A2												
FINISH SEE TABLE		WEIGHT	-		CAGE CODE	00779												
		CUSTOMER DRAWING		DRAWING NO	C=1814801													
				RESTRICTED TO	-													
				SCALE	NTS													
				SHEET	1 OF 2													
				REV	A													

1814801

THIS DRAWING IS UNPUBLISHED. RELEASED FOR PUBLICATION SEPT , 2006.
 © COPYRIGHT 2006 BY TYCO ELECTRONICS CORPORATION. ALL RIGHTS RESERVED.

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

COMPONENTS

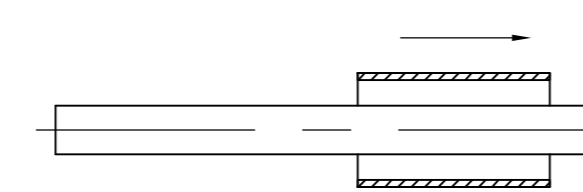
MAIN BODY (ITEM 1,3,4,6,7 & 8)	CENTRE CONTACT (ITEM 2)	PUSHER SLEEVE (ITEM 9)	CRIMP FERRULES (ITEM 5 & 10)
			

ASSEMBLY INSTRUCTION

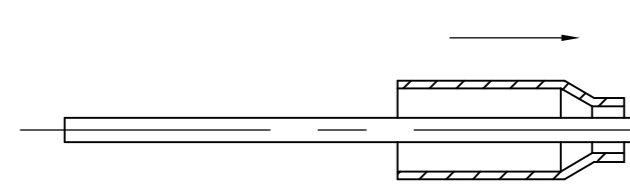
CABLES: RG58C/U, 141A/U, 303/U, URM43, 76, BELDEN 9907, KX15

CABLES: RG174A/U, 188A/U, 316/U, URM95, KX3B, KX22A

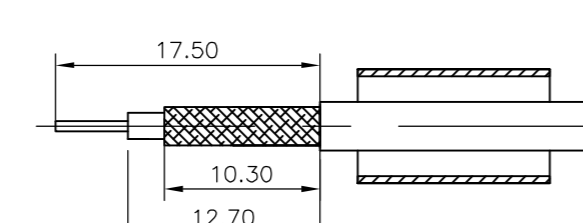
STEP 1
1. SLIDE METAL CRIMP FERRULE OVER CABLE



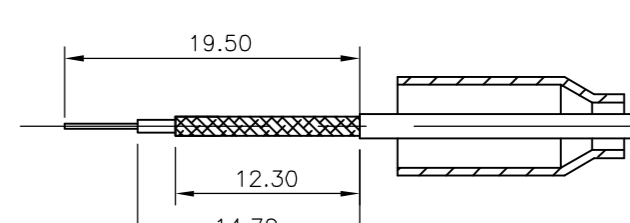
STEP 1
1. SLIDE METAL CRIMP FERRULE OVER CABLE



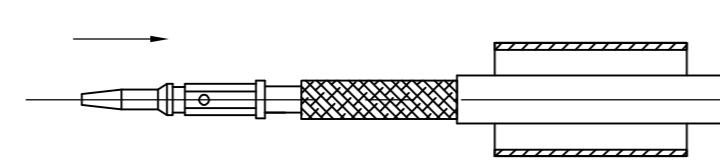
STEP 2
1. STRIP CABLE TO DIMENSIONS AS SHOWN



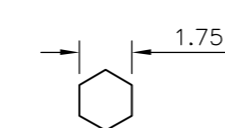
STEP 2
1. STRIP CABLE TO DIMENSIONS AS SHOWN



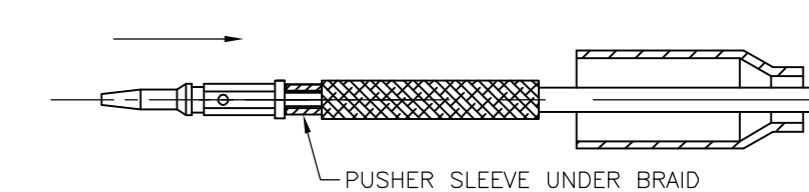
STEP 3
1. FIT CONTACT OVER CENTRE CONDUCTOR TO BUTT AGAINST DIELECTRIC.
2. CRIMP USING TOOL AS NOTES ON PAGE 1.



RECOMMENDED CENTRE CONTACT A/F HEX

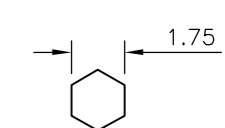


STEP 3
1. SLIDE ITEM 10 PUSHER SLEEVE OVER DIELECTRIC BEFORE FITTING THE CONTACT.
2. FIT CONTACT OVER CENTRE CONDUCTOR TO BUTT AGAINST DIELECTRIC.
3. CRIMP USING TOOL AS NOTES ON PAGE 1.

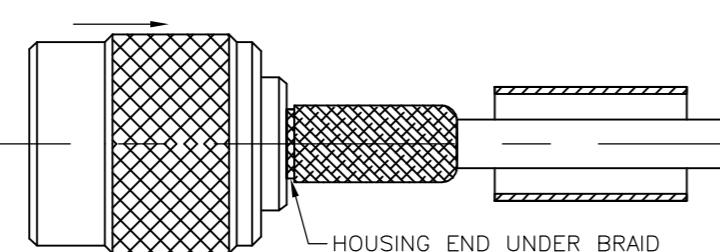


PUSHER SLEEVE UNDER BRAID

RECOMMENDED CENTRE CONTACT A/F HEX

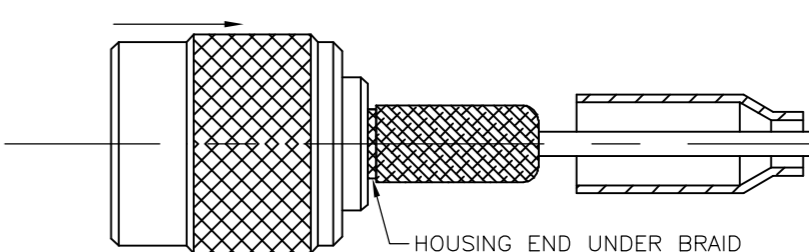


STEP 4
1. PRESS SUB-ASSEMBLY INTO BODY, UNTIL CONTACT IS FULLY LOCATED BY AN AUDIBLE CLICK.
2. ENSURE THAT KNURLED HOUSING INSERTS BETWEEN THE DIELECTRIC AND CABLE BRAID.



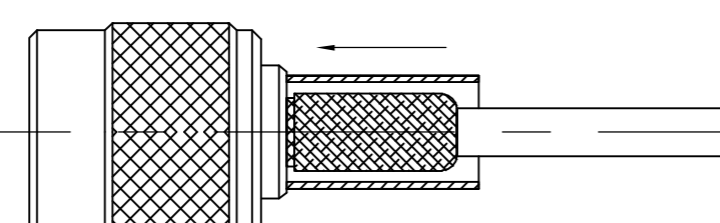
HOUSING END UNDER BRAID

STEP 4
1. PRESS SUB-ASSEMBLY INTO BODY, UNTIL CONTACT IS FULLY LOCATED BY AN AUDIBLE CLICK.
2. ENSURE THAT KNURLED HOUSING INSERTS BETWEEN THE PUSHER SLEEVE AND CABLE BRAID.

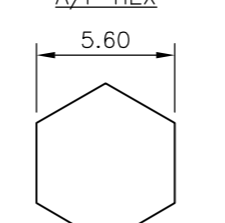


HOUSING END UNDER BRAID

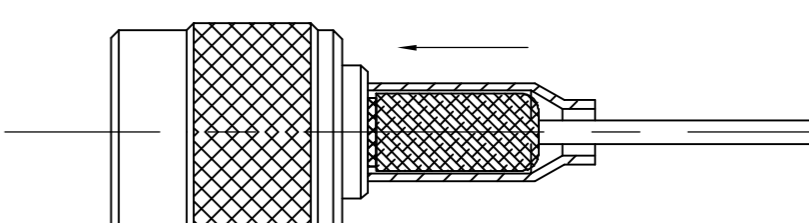
STEP 5
1. SLIDE CRIMP FERRULE ALONG THE CABLE UNTIL IT BUTTS AGAINST THE HOUSING BODY.
2. CRIMP USING TOOL AS NOTED ON PAGE 1.
3. CRIMP DIMENSION AS SHOWN.



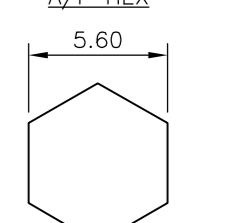
RECOMMENDED CRIMP SLEEVE A/F HEX



STEP 5
1. SLIDE CRIMP FERRULE ALONG THE CABLE UNTIL IT BUTTS AGAINST THE BODY HOUSING.
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.

DWN	J.SANDWELL	08SEP06
CHK	S.PARLOW	08SEP06
APVD	F.WHEELER-KING	08SEP06

NAME: TNC STRAIGHT PLUG HEX CRIMP
50 OHM

PRODUCT SPEC: 108-3435
APPLICATION SPEC: SEE SHEET 2

SIZE: A2 CAGE CODE: 00779 DRAWING NO: C=1814801 RESTRICTED TO: -

MATERIAL: SEE TABLE FINISH: SEE TABLE WEIGHT: - CUSTOMER DRAWING SCALE: NTS SHEET: 2 OF 2 REV: A