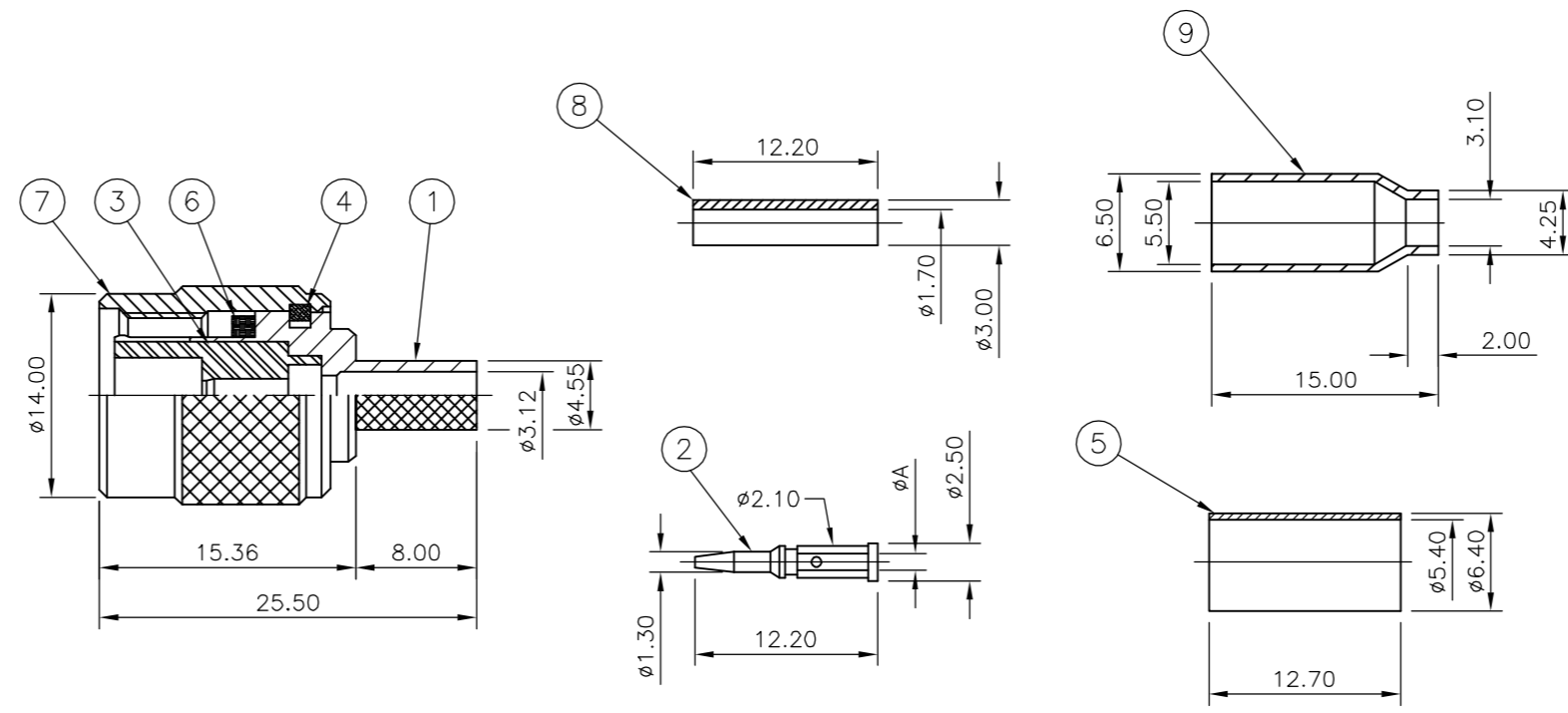


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Loc		DIST		REVISIONS			
P	LTR	DESCRIPTION		DATE	DWN	APVD	
	A	FIRST ISSUE		08SEP06	JMS	FWK	
		1.1	9-1478242-0	RG58C/U, 141A/U, 303/U, URM43, 76, BELDEN 9907, KX15		5-1814800-3	
		1.1	9-1478242-0	RG58C/U, 141A/U, 303/U, URM43, 76, BELDEN 9907, KX15		5-1814800-2	
		0.57	9-1478242-0	RG174A/U, 188A/U, 316/U, URM95, KX3B, KX22A		5-1814800-1	
		0.57	9-1478242-0	RG174A/U, 188A/U, 316/U, URM95, KX3B, KX22A		5-1814800-0	
DIMENSIONS			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-4GHz  
 NOMINAL IMPEDANCE: 50 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	QTY PER ASSY	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	0	MATERIAL	DESCRIPTION	ITEM

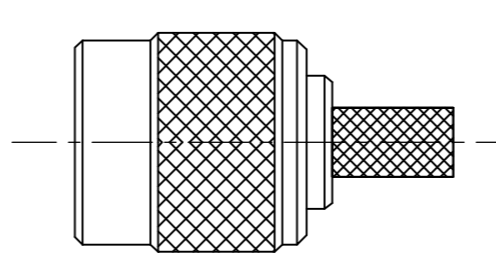
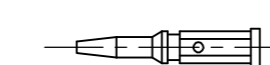
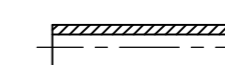
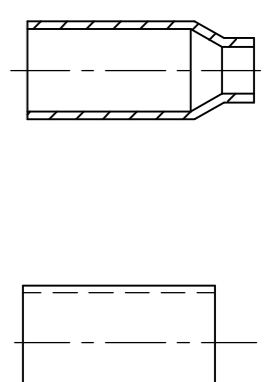
THIS DRAWING IS A CONTROLLED DOCUMENT.		DWN J.SANDWELL 08SEP06	Tyco Electronics Corporation Bideford, UK, EX39 4HE	
DIMENSIONS: mm		CHK S.PARLOW 08SEP06	NAME TNC STRAIGHT PLUG HEX CRIMP 50 OHM	
TOLERANCES UNLESS OTHERWISE SPECIFIED		APVD F.WHEELER-KING 08SEP06	DRAWING NO C=1814800	
0 PLC ±		PRODUCT SPEC -	RESTRICTED TO -	
1 PLC ±		APPLICATION SPEC -	SCALE NTS SHEET 1 OF 2 REV A	
2 PLC ±		SEE SHEET 2		
3 PLC ±		WEIGHT -		
4 PLC ±		CUSTOMER DRAWING		
ANGLES ±				
FINISH SEE TABLE				

1814800

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

COMPONENTS

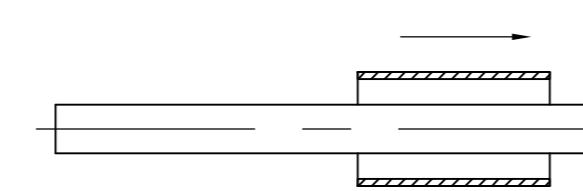
MAIN BODY (ITEM 1,3,4,6,7 & 8)	CENTRE CONTACT (ITEM 2)	PUSHER SLEEVE (ITEM 9)	CRIMP FERRULES (ITEM 5 & 10)
			

ASSEMBLY INSTRUCTION

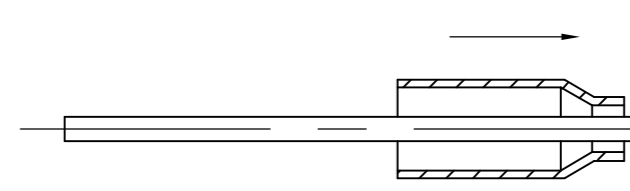
CABLES: RG58C/U, 141A/U, 303/U, URM43, 76, BELDEN 9907, KX15

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

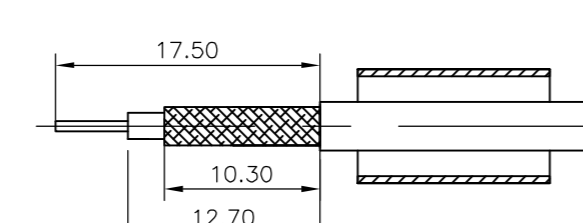
**STEP 1**  
1. SLIDE METAL CRIMP FERRULE OVER CABLE



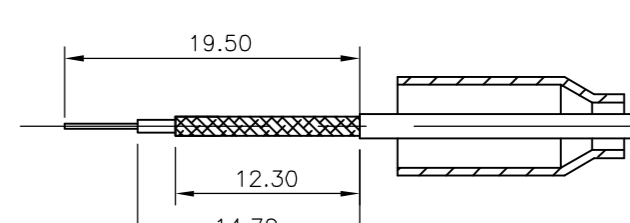
**STEP 1**  
1. SLIDE METAL CRIMP FERRULE OVER CABLE



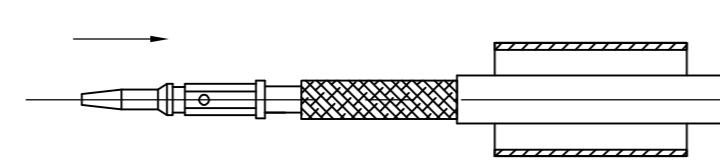
**STEP 2**  
1. STRIP CABLE TO DIMENSIONS AS SHOWN



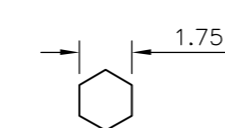
**STEP 2**  
1. STRIP CABLE TO DIMENSIONS AS SHOWN



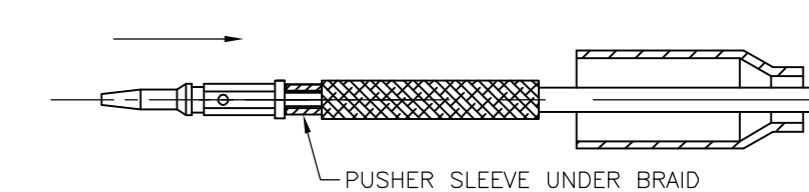
**STEP 3**  
1. FIT CONTACT OVER CENTRE CONDUCTOR TO BUTT AGAINST DIELECTRIC.  
2. CRIMP USING TOOL AS NOTES ON PAGE 1.



RECOMMENDED CENTRE CONTACT A/F HEX

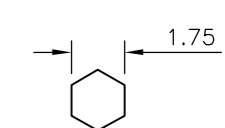


**STEP 3**  
1. SLIDE ITEM 10 PUSHER SLEEVE OVER DIELECTRIC BEFORE FITTING THE CONTACT.  
2. FIT CONTACT OVER CENTRE CONDUCTOR TO BUTT AGAINST DIELECTRIC.  
3. CRIMP USING TOOL AS NOTES ON PAGE 1.

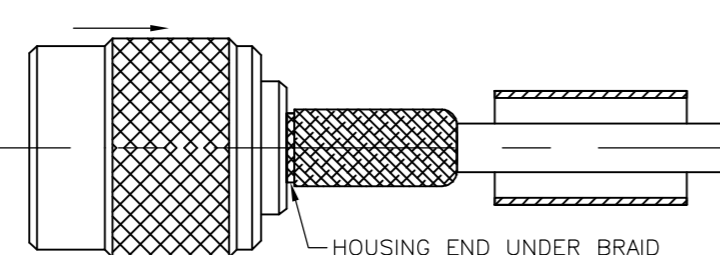


PUSHER SLEEVE UNDER BRAID

RECOMMENDED CENTRE CONTACT A/F HEX

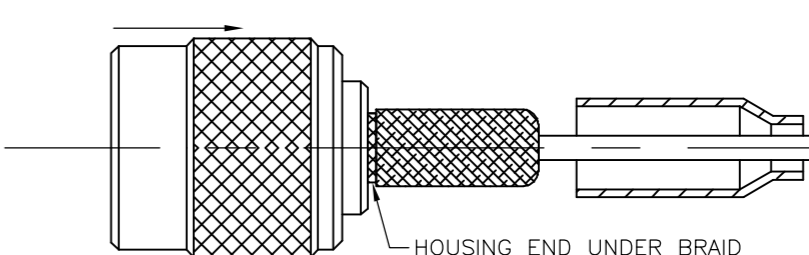


**STEP 4**  
1. PRESS SUB-ASSEMBLY INTO BODY, UNTIL CONTACT IS FULLY LOCATED BY AN AUDIBLE CLICK.  
2. ENSURE THAT KNURLED HOUSING INSERTS BETWEEN THE DIELECTRIC AND CABLE BRAID.



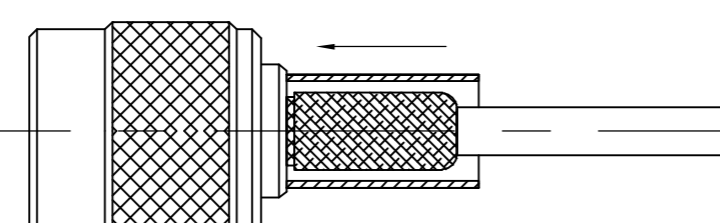
HOUSING END UNDER BRAID

**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.

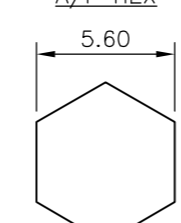


HOUSING END UNDER BRAID

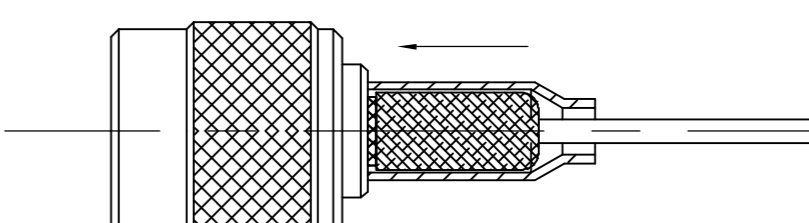
**STEP 5**  
1. SLIDE CRIMP FERRULE ALONG THE CABLE UNTIL IT BUTTS AGAINST THE HOUSING BODY.  
2. CRIMP USING TOOL AS NOTED ON PAGE 1.  
3. CRIMP DIMENSION AS SHOWN.



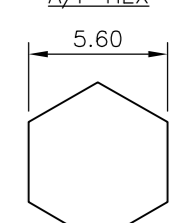
RECOMMENDED CRIMP SLEEVE A/F HEX



**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



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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	08SEP06	<b>tyco</b> Electronics	Tyco Electronics Corporation	
CHK	S.PARLOW	08SEP06		Bideford, UK, EX39 4HE	
APVD	F.WHEELER-KING	08SEP06		NAME	
PRODUCT SPEC				TNC STRAIGHT PLUG HEX CRIMP	
APPLICATION SPEC			50 OHM		
108-3435			SIZE	CAGE CODE	DRAWING NO
SEE SHEET 2			A2	00779	C=1814800
CUSTOMER DRAWING			SCALE	SHEET	REV
			NTS	2	2 A

1814800

A