

THIS DRAWING IS UNPUBLISHED.

RELEASED FOR PUBLICATION

JULY , 2005.

© COPYRIGHT 2005 BY TYCO ELECTRONICS CORPORATION. ALL RIGHTS RESERVED.

LOC	DIST	REVISIONS				
		P	LTR	DESCRIPTION	DATE	DWN APVD
E	B		A	FIRST ISSUE	22JUL05	JMS FWK

- NOTES
- 1

100 TRAY PACK IN ACCORDANCE WITH AMP SPEC 107-3275
- 2

SINGLE PACK IN ACCORDANCE WITH AMP SPEC 107-3275
- 3

Au PLATING OVER Ni PLATING OVER Cu PLATING
- 4

Ni PLATING OVER Cu PLATING
- 5

HAND TOOL: 9-1478240-0
- 6

DIE SET: SEE TABLE
- 9

ELECTRICAL CHARACTERISTICS

FREQUENCY RANGE (50 OHMS): DC - 4GHz

FREQUENCY RANGE (75 OHMS): DC - 2GHz

INSULATION RESISTANCE: 5000 MOHMS

WORKING VOLTAGE: 500V

DIELECTRIC WITHSTAND VOLTAGE: 1500V RMS

CONTACT RESISTANCE: 3.0 mOHMS
- 10

MECHANICAL CHARACTERISTICS

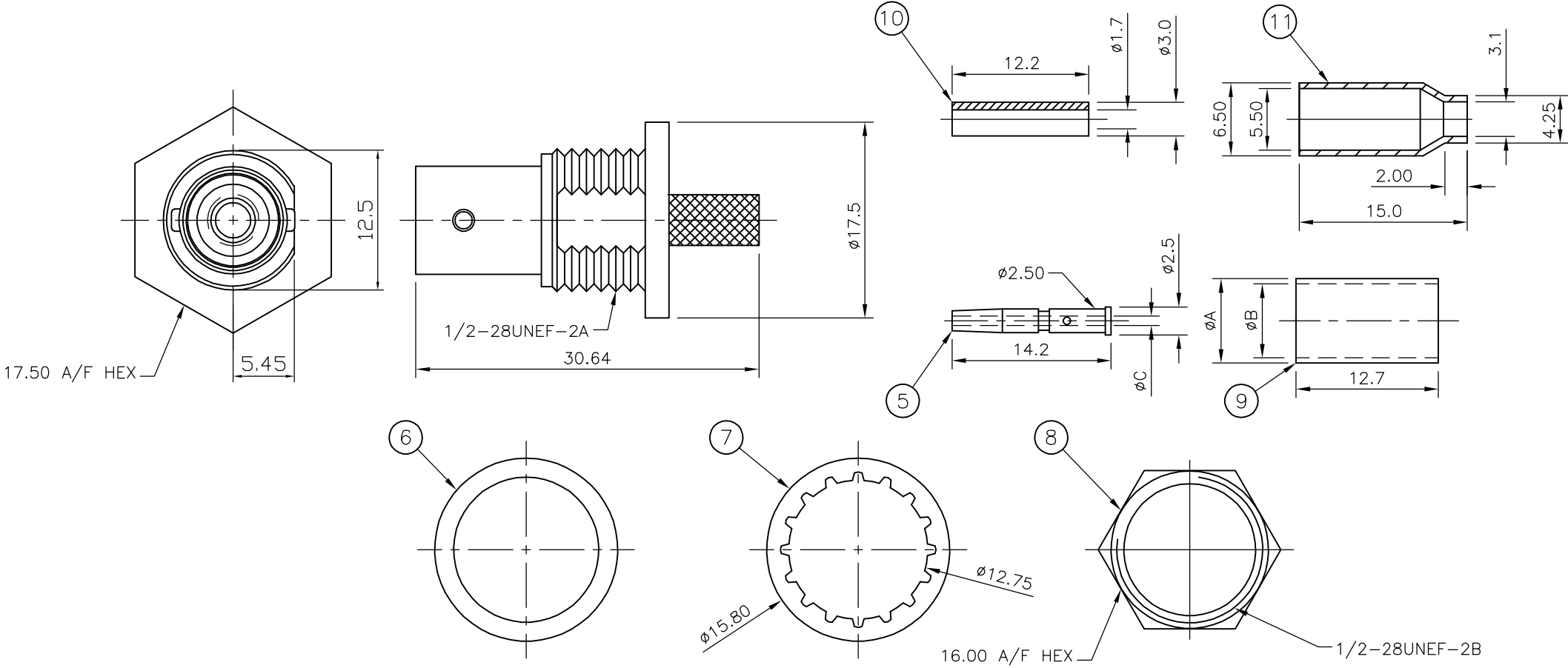
DURABILITY: 50 CYCLES MIN

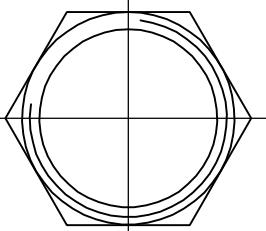
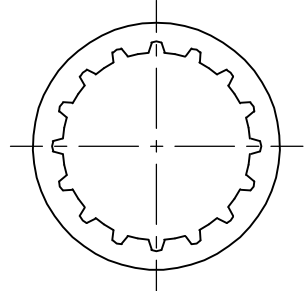
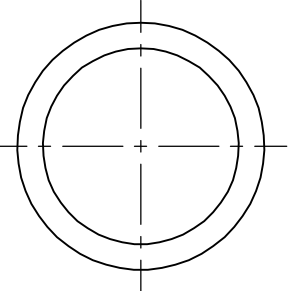
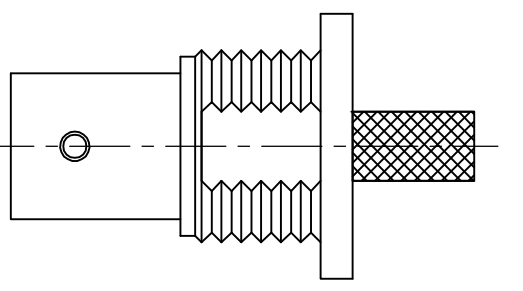
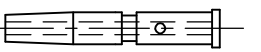
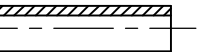
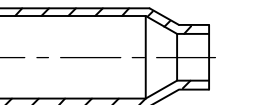
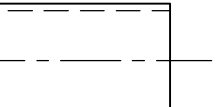
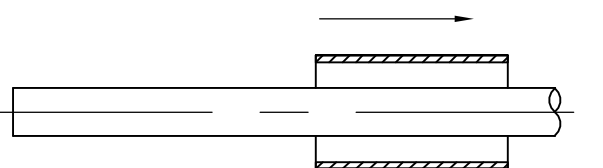
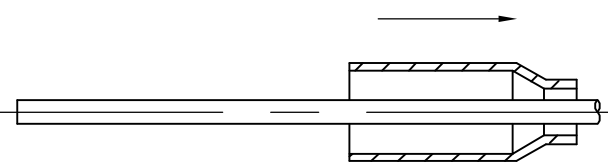
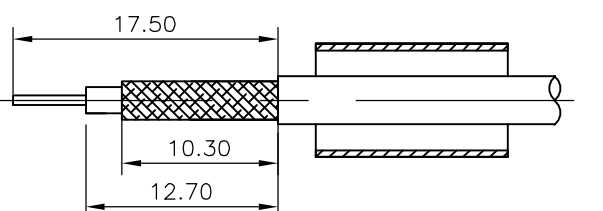
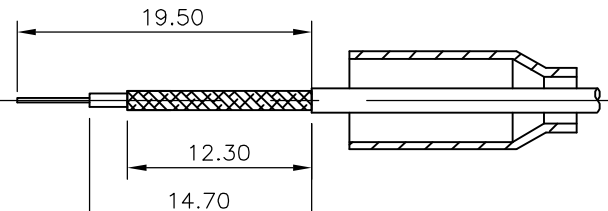
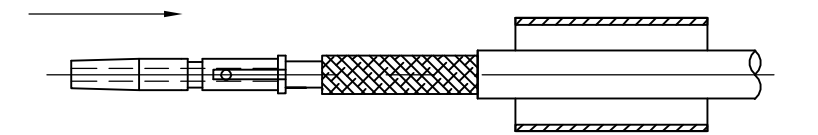
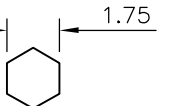
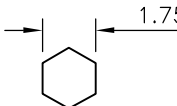
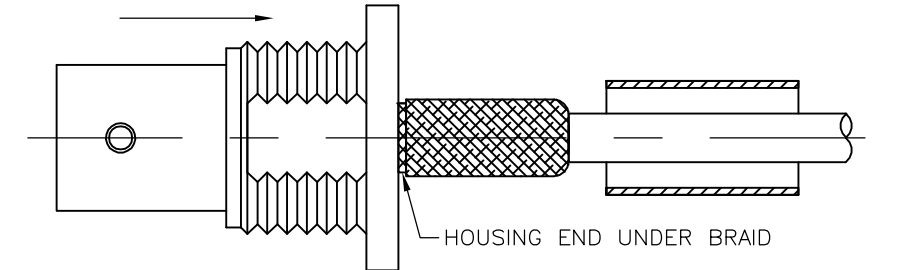
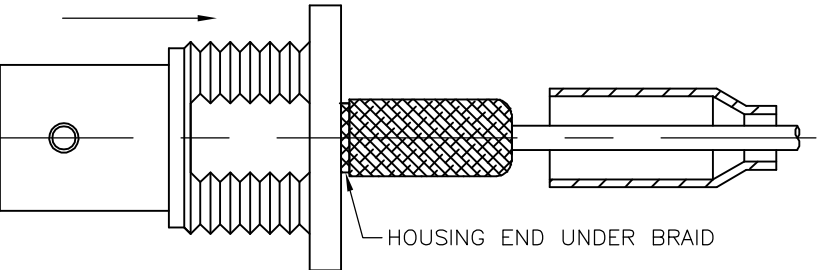
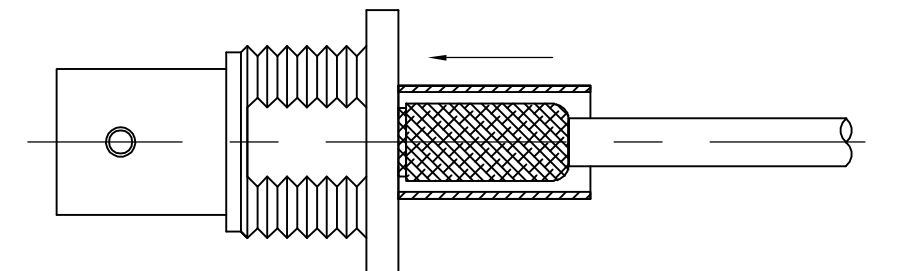
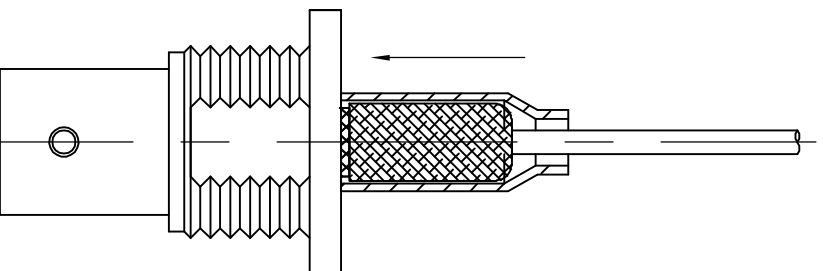
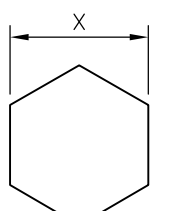
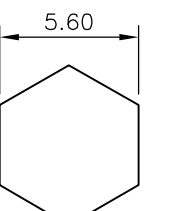
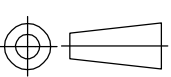
TEMPERATURE RATE: -55°C TO +85°C
- 11

FOR TECHNICAL DATA REFER TO YOUR LOCAL TYCO ELECTRONICS SALES OFFICE
- 12

ALL DIMENSIONS ARE NOMINAL FOR REFERENCE ONLY UNLESS OTHERWISE STATED

	6.50	5.45	3.80	0.85	6.60	7.52	9-1478242-0	RG59B/U, 62A/U, 140/U, 210/U, URM90, KX 6A, KX 25, KX 52, KX 53	5-1634516-5
	6.50	5.45	3.80	0.85	6.60	7.52	9-1478242-0	RG59B/U, 62A/U, 140/U, 210/U, URM90, KX 6A, KX 25, KX 52, KX 53	5-1634516-4
	5.60	4.60	3.20	0.40	-	-	9-1478242-0	RG179B/U, 187A/U, URM111	5-1634516-3
	5.60	4.60	3.20	0.40	-	-	9-1478242-0	RG179B/U, 187A/U, URM111	5-1634516-2
	5.60	-	-	1.10	5.40	6.40	9-1478242-0	RG58C/U, 141A/U, URM43, 76, BELDEN 9907, KX 15	5-1634516-1
	5.60	-	-	1.10	5.40	6.40	9-1478242-0	RG58C/U, 141A/U, URM43, 76, BELDEN 9907, KX 15	5-1634516-0
F	E	D	C	B	A		DIE SET	CABLE GROUPS	PART NO.
DIMENSIONS									



THIS DRAWING IS UNPUBLISHED.		RELEASED FOR PUBLICATION		JULY , 2005.	
© COPYRIGHT 2005 BY TYCO ELECTRONICS CORPORATION.		ALL RIGHTS RESERVED.			
LOC E		DIST B		REVISIONS	
P		LTR		DESCRIPTION	
-		-		SEE SHEET 1	
DATE		DWN		APVD	
-		-		-	
COMPONENTS					
HEX NUT (ITEM 8)		LOCK WASHER (ITEM 7)		GASKET (ITEM 6)	
					
MAIN BODY (ITEM 1,2,3, & 4)		CENTRE CONTACT (ITEM 5)		PUSHER SLEEVE (ITEM 10)	
					
CRIMP FERRULES (ITEM 9 & 11)					
					
ASSEMBLY INSTRUCTION					
CABLES: RG59B/U, 62A/U, 140/U, 210/U, URM90, KX 6A, KX 25, KX 52, KX 53, RG58C/U, 141A/U, URM43, 76, BELDEN 9907, KX 15			CABLES: RG179B/U, 187A/U, URM111		
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.			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.		
					
RECOMMENDED CENTRE CONTACT A/F HEX 			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 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.		
					
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 X IS:- RG59B (SEE PAGE 1 FOR FULL CABLE LIST) = 6.50 RG58C/U (SEE PAGE 1 FOR FULL CABLE LIST) = 5.60			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 			RECOMMENDED CRIMP SLEEVE A/F HEX 		
THIS DRAWING IS A CONTROLLED DOCUMENT.			DWN J.SANDWELL 22JUL05 CHK S.PARLOW 22JUL05 APVD F.WHEELER-KING 22JUL05 PRODUCT SPEC 108-3435 APPLICATION SPEC SEE PAGE 2 WEIGHT - CUSTOMER DRAWING		
DIMENSIONS: mm 			TOLERANCES UNLESS OTHERWISE SPECIFIED: 0 PLC ± 1 PLC ± 2 PLC ± 3 PLC ± 4 PLC ± ANGLES ± FINISH -		
MATERIAL SEE TABLE			NAME BNC BULKHEAD JACK REAR MOUNT CRIMP SIZE A2 CAGE CODE 00779 DRAWING NO C-1634516 RESTRICTED TO -		
SCALE NTS			SHEET 2 OF 2 REV A		

1634516

1

A