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LOC	DIST	REV	DESCRIPTION	DATE	BY	APP'D
E	B	A	FIRST ISSUE	26SEP06	JMS	FWK

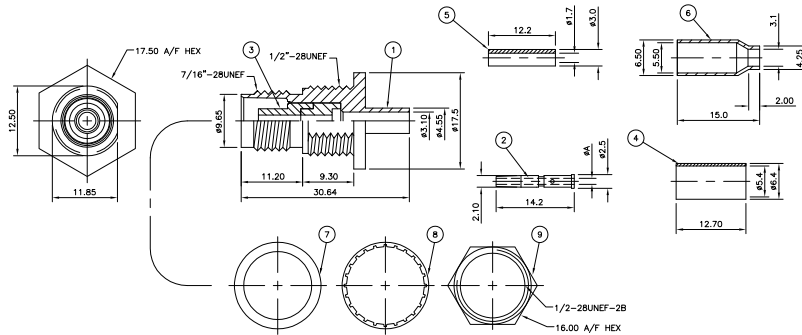
- NOTES**
- 1 SINGLE PACK IN ACCORDANCE WITH AMP SPEC 107-3275
 - 2 100 TRAY PACK IN ACCORDANCE WITH AMP SPEC 107-3275
 - 3 Au PLATING
 - 4 Ni PLATING
 - 5 HAND TOOL: 9-1478240-0
 - 6 DIE SET: SEE TABLE
 - 7 ELECTRICAL CHARACTERISTICS

FREQUENCY RANGE:	DC - 4 GHz
NOMINAL IMPEDANCE:	50 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:	1.00 mOhm Max
VSWR @ 40Hz:	1.30:1 Max
INSERTION LOSS dB @ x 3 GHz:	0.20 Max
 - 8 MECHANICAL CHARACTERISTICS

COUPLING NUT RETENTION FORCE:	N/A
CABLE RETENTION FORCE: RG58C/U:	170N Min
CABLE RETENTION FORCE: RG174A/U:	85N Min
MOUNT NUT RECOMMENDED TORQUE:	4N
DURABILITY:	50 Cycles Min
 - 9 ENVIRONMENTAL CHARACTERISTICS

OPERATING TEMPERATURE:	-65 to +85 DegC
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 - 10 FOR TECHNICAL DATA REFER TO YOUR LOCAL TYCO ELECTRONICS SALES OFFICE
 - 11 ALL DIMENSIONS ARE NOMINAL FOR REFERENCE ONLY UNLESS OTHERWISE STATED

REV	DESCRIPTION	DATE	BY	APP'D
1.1	9-1478242-0	26SEP06	JMS	FWK
1.1	9-1478242-0			
0.57	9-1478242-0			
0.57	9-1478242-0			



QTY	PER ASSY	PARTS LIST
1	1	BRASS
1	1	PHOSPHOR BRONZE
1	1	SILICON RUBBER
1	1	BRASS
1	1	NYLON
1	1	BRASS
1	1	DELNIN
1	1	PHOSPHOR BRONZE
1	1	ZINC ALLOY
5	35	15-15

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DESIGNER: J. SANDWELL	DATE: 26SEP06	TYCO ELECTRONICS CORPORATION
CHECKED: S. PARLOW	DATE: 26SEP06	Bideford, UK, EX39 4HE
APPROVED: F. WHEELER-KING	DATE: 26SEP06	

APPLICATION SPEC: SEE SHEET 2
 TNC BULKHEAD CRIMP JACK - 50 OHM
 SIZE: A2
 CASE CODE: 00779
 DRAWING NO: 1814802
 CUSTOMER DRAWING

1814802

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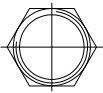
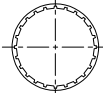
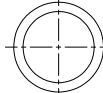
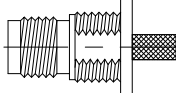


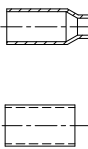
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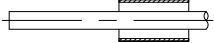

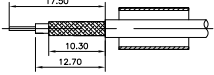
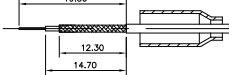


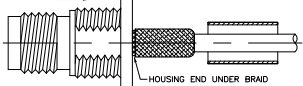
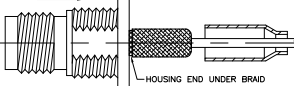
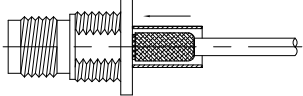
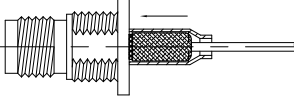
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LOC	DIST	REV	DESCRIPTION	DATE	BY	APP
E	B	F	SEE SHEET 1	-	-	-

COMPONENTS

HEX NUT (ITEM 9)	LOCK WASHER (ITEM 8)	GASKET (ITEM 7)	MAIN BODY (ITEM 1.3)	CENTRE CONTACT (ITEM 2)	PUSHER SLEEVE (ITEM 5)	CRIMP FERRULES (ITEM 4 & 6)
						

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. 
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. 

THIS DRAWING IS A CONTROLLED DOCUMENT.		DWG: J SANDWELL 28SEP04 CHK: S PARLOW 28SEP04 APP: F WHEELER-KING 28SEP04 PRODUCT SPEC: TNC BULKHEAD CRIMP JACK - 50 OHM	Tyco Electronics Corporation Bideford, UK, EX39 4HE
DIMENSIONS: mm 0 PLG 1 PLG 2 PLG 3 PLG 4 PLG 5 PLG 6 PLG 7 PLG 8 PLG 9 PLG 10 PLG 11 PLG 12 PLG 13 PLG 14 PLG 15 PLG 16 PLG 17 PLG 18 PLG 19 PLG 20 PLG 21 PLG 22 PLG 23 PLG 24 PLG 25 PLG 26 PLG 27 PLG 28 PLG 29 PLG 30 PLG 31 PLG 32 PLG 33 PLG 34 PLG 35 PLG 36 PLG 37 PLG 38 PLG 39 PLG 40 PLG 41 PLG 42 PLG 43 PLG 44 PLG 45 PLG 46 PLG 47 PLG 48 PLG 49 PLG 50 PLG 51 PLG 52 PLG 53 PLG 54 PLG 55 PLG 56 PLG 57 PLG 58 PLG 59 PLG 60 PLG 61 PLG 62 PLG 63 PLG 64 PLG 65 PLG 66 PLG 67 PLG 68 PLG 69 PLG 70 PLG 71 PLG 72 PLG 73 PLG 74 PLG 75 PLG 76 PLG 77 PLG 78 PLG 79 PLG 80 PLG 81 PLG 82 PLG 83 PLG 84 PLG 85 PLG 86 PLG 87 PLG 88 PLG 89 PLG 90 PLG 91 PLG 92 PLG 93 PLG 94 PLG 95 PLG 96 PLG 97 PLG 98 PLG 99 PLG 100 PLG	APPLICATION SPEC: SEE SHEET 2 WEIGHT: - MATERIAL: SEE TABLE FINISH: SEE TABLE	SIZE: A2 CASE CODE: 00779 DRAWING NO: 1814802 CUSTOMER DRAWING	RESTRICTED TO: - SCALE: NTS SHEET: 2 OF 2 REV: A

AMP 1471-9 REV 31MM2000

1814802

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