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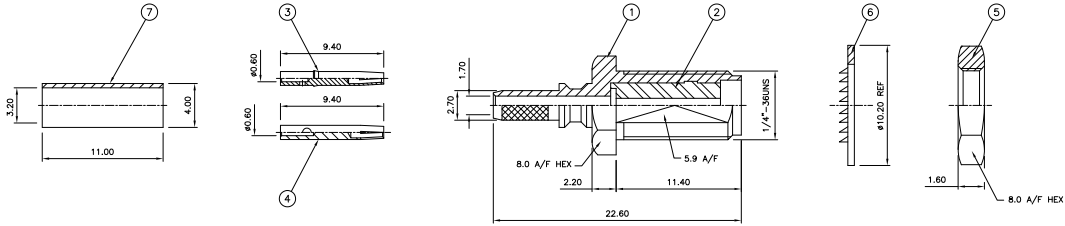
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LOC	DIST	REVISIONS				
		F	LR	DATE	BY	APPD
E	B	C	ECR-07-027665	16NOV07	JMS	FWK

- NOTES:**
- ▲ SINGLE PACK IN ACCORDANCE WITH SPEC 107-3275
 - ▲ 100 BULK PACK IN ACCORDANCE WITH SPEC 107-3275
 - ▲ GOLD PLATING
 - ▲ PASSIVATED
 - ▲ WHITE BRONZE PLATING
 - ▲ PLATING AS PER BODY, EXCEPT FOR PASSIVATED WHICH IS NICKEL PLATED

- 7 HAND TOOL 9-1478240-0
- 8 DIE SET 9-1478248-0
- 9 **ELECTRICAL CHARACTERISTICS**
 - FREQUENCY RANGE:
 - BRASS BODY: DC - 6 GHz
 - STAINLESS STEEL (PASSIVATED): DC - 12.4 GHz
 - STAINLESS STEEL (GOLD): DC - 18 GHz
 - NOMINAL IMPEDANCE: 50 Ohm
 - INSULATION RESISTANCE: 1000 MOhm
 - WORKING VOLTAGE: 250 Volts RMS of Sea Level
 - ELECTRIC WITHSTAND VOLTAGE: 750 Volts RMS Max
 - CONTACT RESISTANCE:
 - CENTRE CONTACT: 6.00 mOhm Max
 - OUTER CONTACT: 1.00 mOhm Max
 - VSWR @ 4GHz: 1.35:1
 - INSERTION LOSS @ 4GHz: 0.30 Max

- 10 **MECHANICAL CHARACTERISTICS**
 - COUPLING NUT RETENTION FORCE: N/A
 - CABLE RETENTION FORCE: 267N Min
 - RG174A/U, 188A/U, 316/U, URM95: 0.6N
 - CLAMP NUT RECOMMENDED TORQUE: 0.75N
 - MOUNT NUT RECOMMENDED TORQUE: 500 Cycles Min
 - DURABILITY: -65 to +165 DegC
- 11 **ENVIRONMENTAL CHARACTERISTICS**
- 12 FOR TECHNICAL DATA REFER TO YOUR LOCAL TYCO ELECTRONICS SALES OFFICE
- 13 ALL DIMENSIONS ARE NOMINAL FOR REFERENCE ONLY UNLESS OTHERWISE STATED



QTY	DESCRIPTION	MATERIAL	ITEM
1	CRIMP FERRULE	BRASS	7
1	LOCKWASHER	STAINLESS STEEL	6
1	HEX NUT	BRASS	5
1	HEX NUT	BRASS	5
1	HEX NUT	STAINLESS STEEL	5
1	CENTRE SOCKET	BERYLLIUM COPPER	4
1	CENTRE SOCKET	BERYLLIUM COPPER	4
1	INSULATOR	PIFTE	3
1	BODY	BRASS	1
1	BODY	BRASS	1
1	BODY	STAINLESS STEEL	1
1	BODY	STAINLESS STEEL	1
4-1	MATERIAL		

THIS DRAWING IS A CONTROLLED DOCUMENT.

DIMENSIONS: mm	TO DIMENSIONS UNLESS OTHERWISE SPECIFIED	DRN: R. SMITH	OFFERNO: 05F004	TYCO ELECTRONICS CORPORATION
0. PLC	± 0.15	CHK: S. PARLOW	OFFERNO: 05F004	Bideford, UK, EX39 4HE
1. PLC	± 0.15	F. WHEELER-KING		
2. PLC	± 0.15	NAME: SMA BULKHEAD JACK NON CAPTIVE SOLDER CONTACT CRIMP ATTACHMENT		
3. PLC	± 0.15	PRODUCT SPEC: RG174A/U, 188A/U, 316/U, KX3B, KX22A, URM95		
4. PLC	± 0.15	APPLICATION SPEC: SEE PAGE 2		
5. PLC	± 0.15	WEIGHT: A2 00779		
6. PLC	± 0.15	CUSTOMER DRAWING		
FINISH: -		SCALE: NTS SHEET 1 of 2 REV: C		

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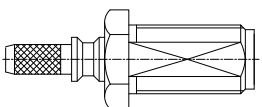
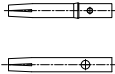

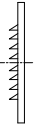

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LOC	DIST	F	LN	DESCRIPTION	DATE	BY	APPD
E	B	-	-	SEE SHEET 1	-	-	-

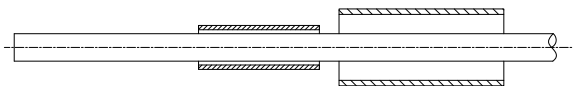
COMPONENTS

MAIN BODY (ITEM 1,2)	CENTRE SOCKET (ITEM 3,4)	HEX NUT (ITEM 5)	LOCKWASHER (ITEM 6)	CRIMP FERRULE (ITEM 7)
				

ASSEMBLY INSTRUCTIONS
 RG174A/U, 188A/U, 316/U, KX3B, KX22A, URM95

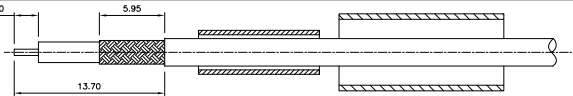
STEP 1

- IF USING HEATSHRINK SLIDE OVER CABLE (HEATSHRINK NOT SUPPLIED AND USED AT CUSTOMER DISCRETION)
- SLIDE METAL CRIMP FERRULE OVER CABLE




STEP 2

- STRIP CABLE TO DIMENSIONS AS SHOWN



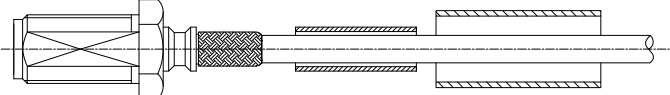
STEP 3

- TIN CENTRE CONTACT
- FIT CONTACT OVER CONDUCTOR
- SOLDER CONTACT (ITEM 3 OR 4 AS SUPPLIED) TO TINNED CENTRE CONDUCT, DO NOT OVER HEAT



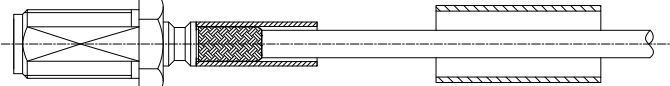
STEP 4

- PRESS SUB-ASSEMBLY INTO BODY UNTIL CONTACT IS FULLY LOCATED
- ENSURE THAT KNURLED HOUSING INSERTS BETWEEN THE DIELECTRIC AND CABLE BRAID



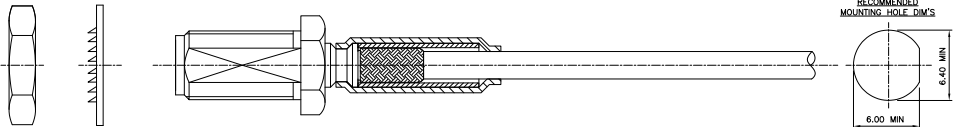
STEP 5

- SLIDE CRIMP FERRULE ALONG THE CABLE UNTIL IT BUTTS AGAINST THE BODY HOUSING
- CRIMP USING TOOL AS NOTED ON PAGE 1
- CRIMP DIMENSION AS SHOWN




STEP 6

- IF USING HEATSHRINK PLACE OVER CONNECTOR AS SHOWN AND APPLY
- FOR BULKHEAD MOUNTING PREPARE HOLE AS SHOWN
- USE LOCKWASHER (ITEM 6) AND HEX NUT (ITEM 5) TO SECURE CONNECTOR



THIS DRAWING IS A CONTROLLED DOCUMENT.		DRW: R. SMITH	OSFEB04	Tyco Electronics Corporation	
		CHK: S. PARLOW	OSFEB04	Bideford, UK, EX39 4HE	
		APPC: F. WHEELER-KING	NAME	SMA BULKHEAD JACK NON CAPTIVE SOLDER	
		PRODUCT SPEC: 108-3460		CONTACT CRIMP ATTACHMENT	
		APPLICATION SPEC: 411-3276		RG174A/U, 188A/U, 316/U, KX3B, KX22A, URM95	
		MATERIAL: SEE TABLE		SEE: CKE CODE (DRAWING NO)	RESTRICTED TO
		FINISH: -		A2 00779 ©=1478955	-
				CUSTOMER DRAWING	SCALE: NTS SHEET 2 of 2 REV: C

AMP 1471-9 REV 31MMR2000

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