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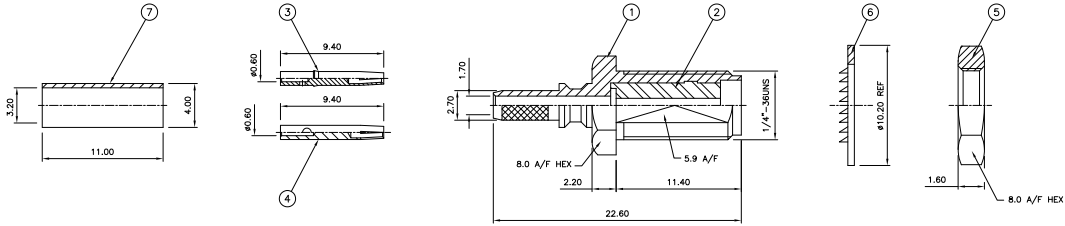
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LOC	DIST	REVISIONS				
		F	LR	DATE	BY	APPD
E	B	C	ECR-07-027665	16NOV07	JMS	FWK

- 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 dB @ ± 1.5 GHz: 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
- 11 ENVIRONMENTAL CHARACTERISTICS**
- OPERATING TEMPERATURE: -65 to +165 DegC
- 12 FOR TECHNICAL DATA REFER TO YOUR LOCAL TYCO ELECTRONICS SALES OFFICE
- 13 ALL DIMENSIONS ARE NOMINAL FOR REFERENCE ONLY UNLESS OTHERWISE STATED



QTY	QTY PER ASSY	MATERIAL	DESCRIPTION	ITEM				
1	1	BRASS	▲ CRIMP FERRULE	7				
1	1	STAINLESS STEEL	▲ LOCKWASHER	6				
1	1	BRASS	▲ HEX NUT	5				
1	1	BRASS	▲ HEX NUT	6				
1	1	STAINLESS STEEL	▲ HEX NUT	5				
1	1	BERYLLIUM COPPER	▲ CENTRE SOCKET	4				
1	1	BERYLLIUM COPPER	▲ CENTRE SOCKET	3				
1	1	PIFTE	▲ INSULATOR	2				
1	1	BRASS	▲ BODY	1				
1	1	BRASS	▲ BODY	1				
1	1	STAINLESS STEEL	▲ BODY	1				
1	1	STAINLESS STEEL	▲ BODY	1				
4-1	4-1	3-1	2-1	1-1	1-1	MATERIAL	DESCRIPTION	ITEM

THIS DRAWING IS A CONTROLLED DOCUMENT.

APPROVED: R. SMITH (Signature)
 CHECKED: S. PARLOW (Signature)
 DRAWN: F. WHEELER-KING (Signature)

DATE: 17/08/05

PRODUCT SPEC: SMA BULKHEAD JACK NON CAPTIVE SOLDER CONTACT CRIMP ATTACHMENT

APPLICATION SPEC: SEE PAGE 2

WEIGHT: -

MATERIAL: SEE TABLE

TYCO ELECTRONICS CORPORATION
 Bideford, UK, EX39 4HE

SIZE: RG174A/U, 188A/U, 316/U, KX2B, KX22A, URM95

SIZE: A2

QUANTITY PER ASSY: 00779

CUSTOMER DRAWING: 1478955

SCALE: NTS

SHEET: 1 of 2

REV: C

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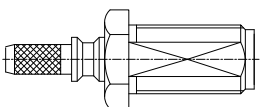
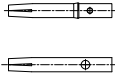

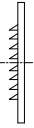

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LOC	DIST	F	LN	DESCRIPTION	DATE	BY	APPD
E	B	-	-	SEE SHEET 1	-	-	-

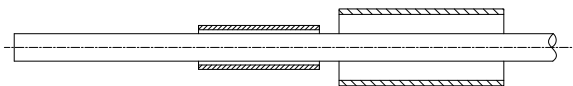
COMPONENTS

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

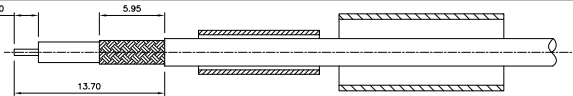
STEP 1

- 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



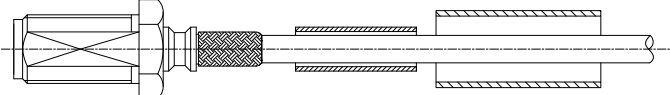
STEP 3

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



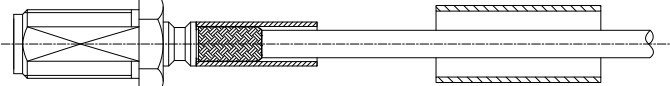
STEP 4

- 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

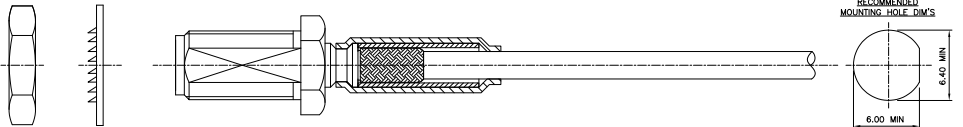


RECOMMENDED CRIMP SLEEVE
A/F HEX




STEP 5

- 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



RECOMMENDED MOUNTING HOLE DIM'S



THIS DRAWING IS A CONTROLLED DOCUMENT.		DRW: R. SMITH	OSFEB04	Tyco Electronics Corporation	
		CHK: S. PARLOW	OSFEB04	Bideford, UK, EX39 4HE	
		APPRO: F. WHEELER-KING	OSFEB04	NAME	
DIMENSIONS: mm		PRODUCT SPEC: 108-3460	SMA BULKHEAD JACK NON CAPTIVE SOLDER CONTACT CRIMP ATTACHMENT		
		APPLICATION SPEC: 411-3276	RG174A/U, 188A/U, 316/U, KX3B, KX22A, URM95		
MATERIAL: SEE TABLE		FINISH: -	WEIGHT: -	SEE: A200779	RESTRICTED TO: -
		CUSTOMER DRAWING		SCALE: NTS	SHEET: 2 of 2

AMP 1471-9 REV 31MMR2000

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