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LOC	DIST	REVISIONS		DATE	BY	APP'D
E	B	F	LR			
		D	EDR-07-026310	02NOV07	JMS	FWK

NOTES:

- ▲ PACK IN ACCORDANCE WITH AMP SPEC 107-3275
- ▲ 100 TRAY PACK IN ACCORDANCE WITH AMP SPEC 107-3275
- ▲ Au PLATING

4 ELECTRICAL CHARACTERISTICS

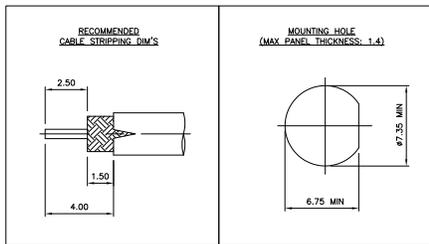
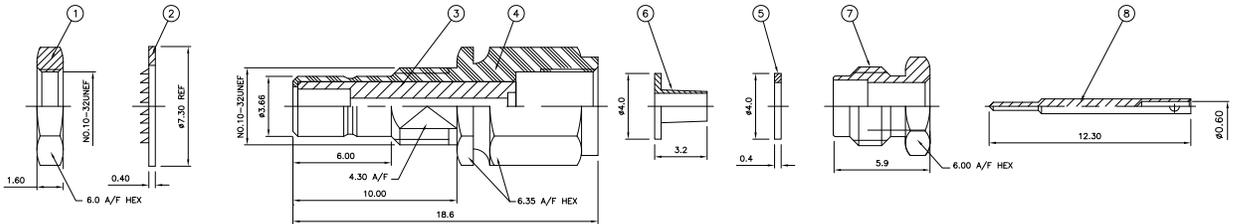
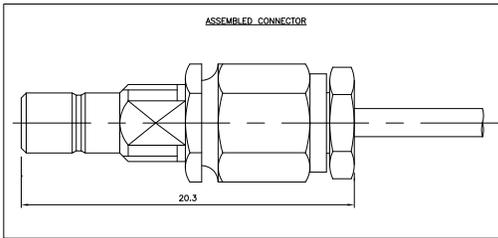
FREQUENCY RANGE:	DC - 4 GHz
NOMINAL IMPEDANCE:	50 Ohm
INSULATION RESISTANCE:	1000 MOhm
WORKING VOLTAGE:	250 Volts RMS at Sea Level
DIELECTRIC WITHSTAND VOLTAGE:	750 Volts RMS Max
CONTACT RESISTANCE:	6.00 mOhm Max
CENTRE CONTACT:	1.00 mOhm Max
VOIWR @ 4GHz:	1.35d
INSERTION LOSS dB @ x 1.5 GHz:	0.30 Max

5 MECHANICAL CHARACTERISTICS

COUPLING NUT RETENTION FORCE:	N/A
CABLE RETENTION FORCE:	85N Min
RG174A/U, 188A/U, 316/U, URM95:	0.6N
CLAMP NUT RECOMMENDED TORQUE:	0.75N
MOUNT NUT RECOMMENDED TORQUE:	500 Cycles Min
DURABILITY:	

6 ENVIRONMENTAL CHARACTERISTICS

OPERATING TEMPERATURE:	-65 to +165 DegC
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QTY	UNIT	MATERIAL	DESCRIPTION	ITEM
1	1	BRASS	CONTACT	8
1	1	BRASS	CLAMP NUT	7
1	1	BRASS	CLAMP FERRULE	6
1	1	BRASS	CLAMP WASHER	5
1	1	BRASS	BODY	4
1	1	PTFE	INSULATION	3
1	1	BRASS	LOCKWASHER	2
1	1	BRASS	HEX NUT	1
6--0	1--0	MATERIAL	DESCRIPTION	ITEM

THIS DRAWING IS A CONTROLLED DOCUMENT.

DESIGNER: J. SANDWELL	100E008	DATE: 02/11/07	BY: JMS
CHECKED: S. PARLOW	100E008	DATE: 02/11/07	BY: FWK
APPROVED: F. WHEELER-KING	100E008	DATE: 02/11/07	BY: FWK
PRODUCT SPEC: -			
APPLICATION SPEC: SEE PAGE 2			
WEIGHT: -			
MATERIAL: SEE TABLE			
FINISH: -			

QTY PER ASSY	1
PARTS LIST	
REV	DESCRIPTION
1	REVISED TO COMPLY WITH AMP SPEC 107-3275
2	REVISED TO COMPLY WITH AMP SPEC 107-3275
3	REVISED TO COMPLY WITH AMP SPEC 107-3275
4	REVISED TO COMPLY WITH AMP SPEC 107-3275
5	REVISED TO COMPLY WITH AMP SPEC 107-3275
6	REVISED TO COMPLY WITH AMP SPEC 107-3275
7	REVISED TO COMPLY WITH AMP SPEC 107-3275
8	REVISED TO COMPLY WITH AMP SPEC 107-3275

Customer Drawing

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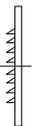
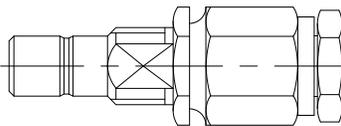
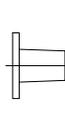
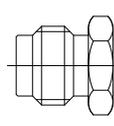
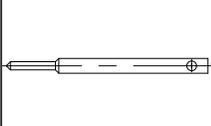
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LOC	DIST	REV	DESCRIPTION	DATE	BY	APPD
E	B	F	LR			
			SEE SHEET 1			

COMPONENTS

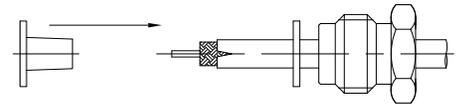
ITEM	DESCRIPTION	QUANTITY
HEX NUT (ITEM 1)		1
LOCKWASHER (ITEM 2)		1
MAIN BODY (ITEM 3,4)		1
CLAMP WASHER (ITEM 5)		1
CLAMP FERRULE (ITEM 6)		1
CLAMP NUT (ITEM 7)		1
CONTACT (ITEM 8)		1

ASSEMBLY INSTRUCTION

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

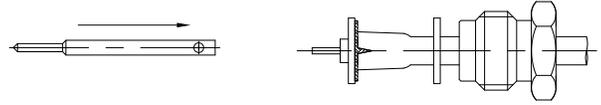
STEP 1

1. SLIDE CLAMP NUT AND CLAMP WASHER (ITEM 5 & 7) OVER WIRE IN CONFIGURATION AND ORIENTATION SHOWN
2. STRIP CABLE TO DIMENSIONS SHOWN ON PAGE 1 NOTING SIDE SLIT IN CABLE TO EASE ASSEMBLY OF CLAMP FERRULE



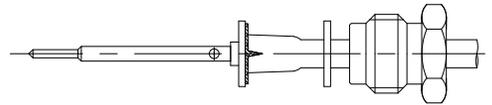
STEP 2

1. PUSH CLAMP FERRULE (ITEM 6) UP UNDER CABLE BRAID AND PUSH HOME UNTIL FULLY BUTTED UP TO THE END OF CABLE OUTER COVER



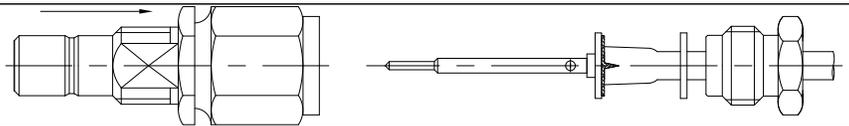
STEP 3

1. TIN CENTRE CONTACT
2. FIT CONTACT OVER CONDUCTOR TO BUTT AGAINST DIELECTRIC.
3. SOLDER CONTACT (ITEM 8) TO TINNED CENTRE CONDUCT. DO NOT OVER HEAT.



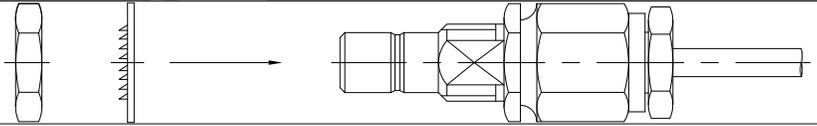
STEP 4

1. PRESS SUB-ASSEMBLY INTO BODY, UNTIL CONTACT FULLY LOCATED.
2. SCREW CLAMP NUT (ITEM 7) INTO BACK OF THE MAIN BODY (ITEM 3,4) USING CORRECT TOOLS TO AVOID DAMAGE.
3. TORQUE CLAMP NUT TO RECOMMENDED VALUE FROM PAGE ONE TO ENSURE BEST RESULTS.



STEP 5

1. PREPARE PANEL USING DIMENSIONS FROM PAGE 1 NOTE MAX PANEL THICKNESS THAT IS ALSO GIVEN.
2. USE LOCKWASHER (ITEM2) AND HEX NUT (ITEM1) TO SECURELY FASTEN ASSEMBLY INTO BULKHEAD.
3. USE CORRECT TOOLS TO AVOID DAMAGE TO CONNECTOR AND TORQUE TO VALUE GIVEN ON PAGE 1 TO ENSURE CORRECT RETENSION.



THIS DRAWING IS A CONTROLLED DOCUMENT.		DRN J. SANDWELL 100E008	Tyco Electronics Corporation Bideford, UK, EX39 4HE
DIMENSIONS: mm		CHK S. PARLOW 100E008	NAME F. WHEELER-KING
TOLERANCES UNLESS OTHERWISE SPECIFIED:		APCD 100E008	PRODUCT SPEC SMB BULKHEAD JACK REAR MOUNT SOLDER 50 OHM RG174A/U, 188A/U, 316/U, URM95, KX3B, KX22A
MATERIAL SEE TABLE		APPLICATION SPEC 411-3259	SIZE A2
FINISH		WEIGHT	SCALE NTS
		CUSTOMER DRAWING	RESTRICTED TO DRAWING NO 00779 1337476
			SHEET 2 of 2
			REV D

AMP 1471-9 REV 31MM2000

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