

LOC	DIST	REVISIONS					
		P	LTR	DESCRIPTION	DATE	DWN	APVD
E	B						
			D	ECR-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:
NOMINAL IMPEDANCE:
INSULATION RESISTANCE:
WORKING VOLTAGE:
DIELECTRIC WITHSTAND VOLTAGE:
CONTACT RESISTANCE:
CENTRE CONTACT:
OUTER CONTACT:
VSWR @ 4GHz:
INSERTION LOSS dB @ x 1.5 GHz:

DC — 4 GHz
50 Ohm
1000 MOhm
250 Volts RMS at Sea Level
750 Volts RMS Max

6.00 mOhm Max
1.00 mOhm Max
1.35:1
0.30 Max
- 5

MECHANICAL CHARACTERISTICS

COUPLING NUT RETENTION FORCE:
CABLE RETENTION FORCE:
RG174A/U, 188A/U, 316/U, URM95:
CLAMP NUT RECOMMENDED TORQUE:
MOUNT NUT RECOMMENDED TORQUE:
DURABILITY:

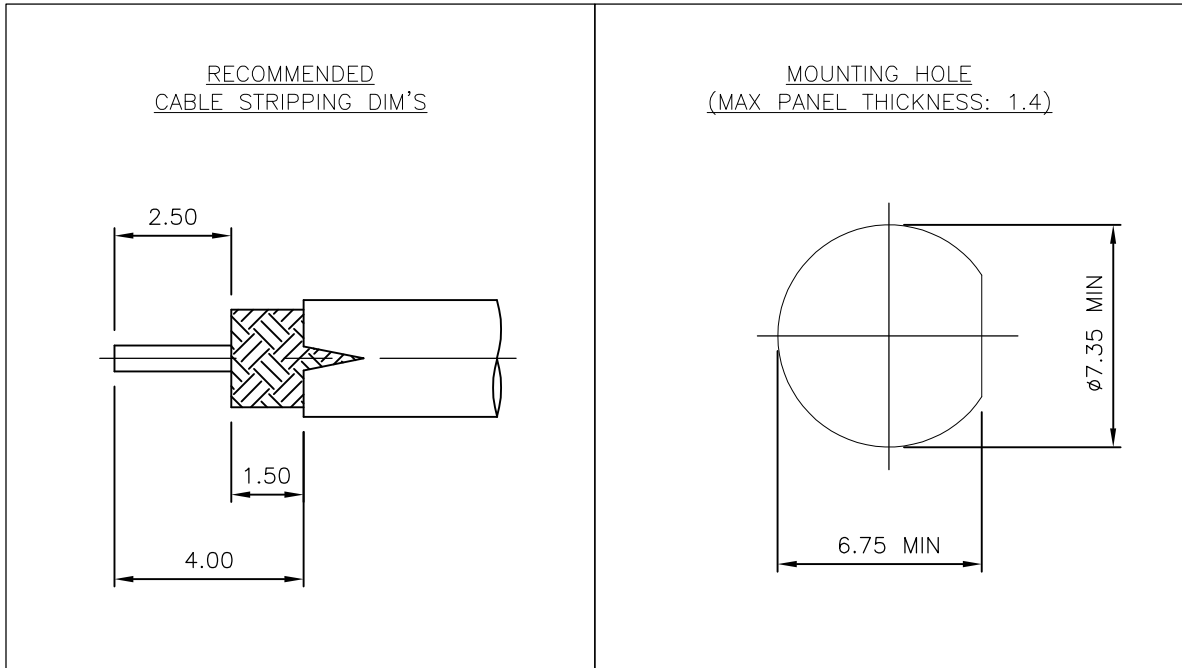
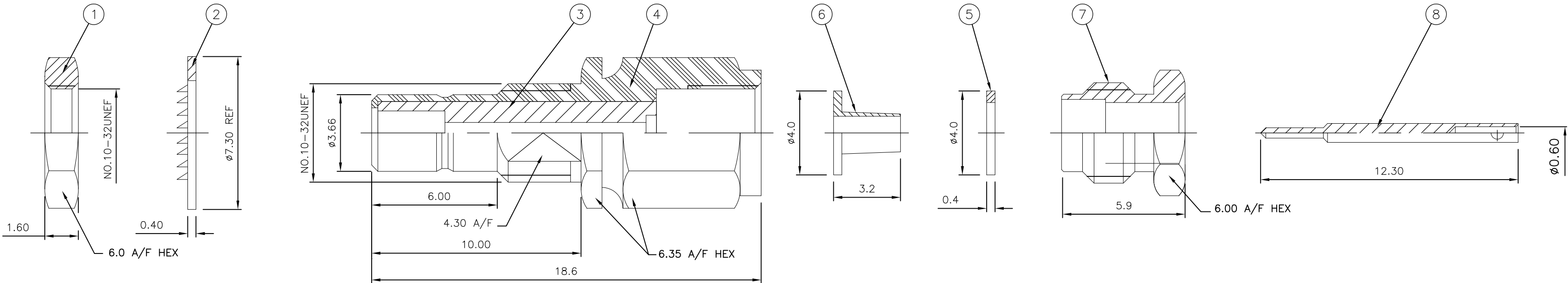
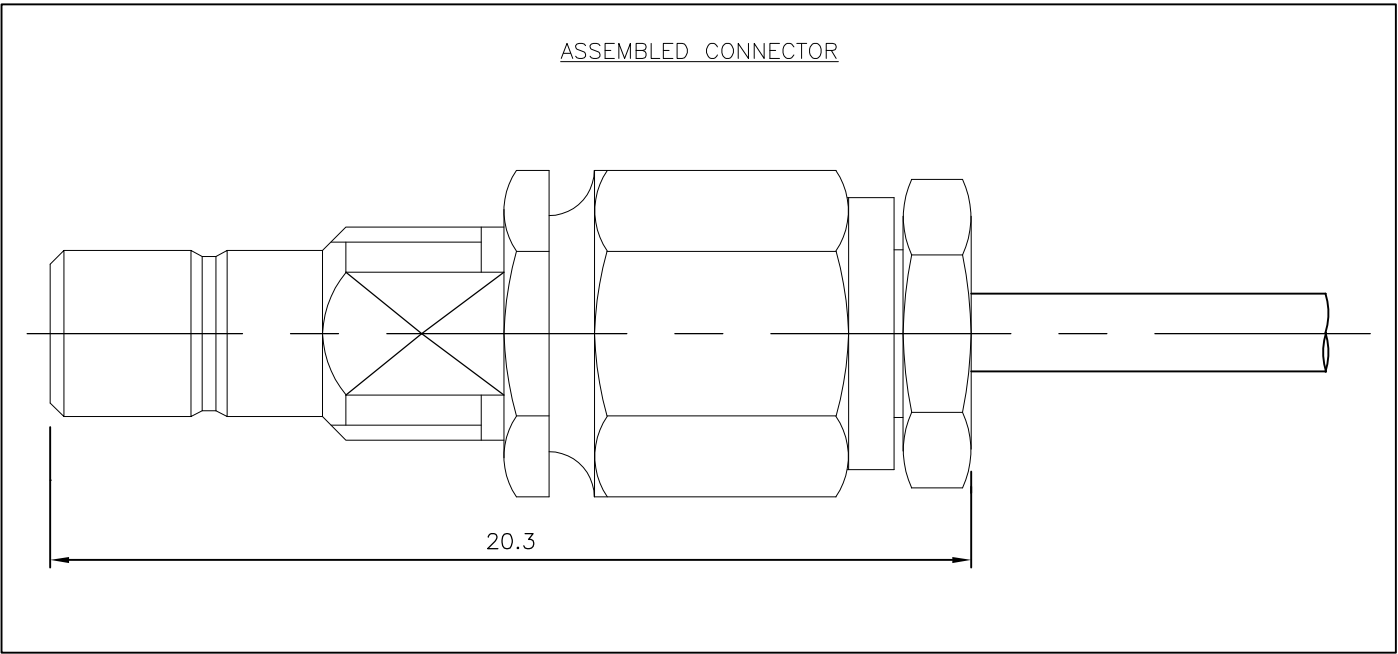
N/A

85N Min
0.6N
0.75N
500 Cycles Min
- 6

ENVIRONMENTAL CHARACTERISTICS

OPERATING TEMPERATURE:

-65 to +165 DegC



		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
		⚠	⚠				

QUANTITY PER ASSY

PARTS LIST

THIS DRAWING IS A CONTROLLED DOCUMENT.		DWN J.SANDWELL	10DEC06	 Tyco Electronics Corporation Bideford, UK, EX39 4HE							
DIMENSIONS:		CHK S.PARLOW	10DEC06	NAME SMB BULKHEAD JACK REAR MOUNT SOLDER 50 OHM RG174A/U, 188A/U, 316/U, URM95, KX3B, KX22A							
mm		APVD F.WHEELER-KING	10DEC06								
		TOLERANCES UNLESS OTHERWISE SPECIFIED		PRODUCT SPEC —							
		0 PLC ± — 1 PLC ± — 2 PLC ± — 3 PLC ± — 4 PLC ± — ANGLES ± —		APPLICATION SPEC SEE PAGE 2							
MATERIAL		FINISH		SIZE		CAGE CODE		DRAWING NO		RESTRICTED TO	
SEE TABLE		—		A2		00779		C=1337476		—	
CUSTOMER DRAWING				SCALE		NTS		SHEET		1 of 2	
										REV D	

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JAN , 2006.

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LOC

DIST

REVISIONS

P

LTR

DESCRIPTION

DATE

DWN

APVD

E

B

—

SEE SHEET 1

—

—

—

COMPONENTS

HEX NUT
(ITEM 1)

LOCKWASHER
(ITEM 2)

MAIN BODY
(ITEM 3,4)

CLAMP WASHER
(ITEM 5)

CLAMP FERRULE
(ITEM 6)

CLAMP NUT
(ITEM 7)

CONTACT
(ITEM 8)

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 DINEMSIONS 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 DAMGE TO CONNECTOR AND TORQUE TO VALUE GIVEN ON PAGE 1 TO ENSURE CORRECT RETENSION.

THIS DRAWING IS A CONTROLLED DOCUMENT.

DIMENSIONS:

mm

MATERIAL

SEE TABLE

TOLERANCES UNLESS OTHERWISE SPECIFIED:

0 PLC ± -

1 PLC ± -

2 PLC ± -

3 PLC ± -

4 PLC ± -

ANGLES ± -

FINISH -

DWN J.SANDWELL 10DEC06

CHK S.PARLOW 10DEC06

APVD F.WHEELER-KING 10DEC06

PRODUCT SPEC -

APPLICATION SPEC 411-3259

WEIGHT -

CUSTOMER DRAWING

Tyco Electronics Corporation
Bideford, UK, EX39 4HE

NAME

SMB BULKHEAD JACK REAR MOUNT SOLDER 50 OHM
RG174A/U, 188A/U, 316/U, URM95, KX3B, KX22A

SIZE

A2

CAGE CODE

00779

DRAWING NO

C=1337476

RESTRICTED TO

-

SCALE

NTS

SHEET

2 OF 2

REV

D

4

3

2

1

D

C

B

A

1337476

A

AMP 1471-9 REV 31MAR2000