

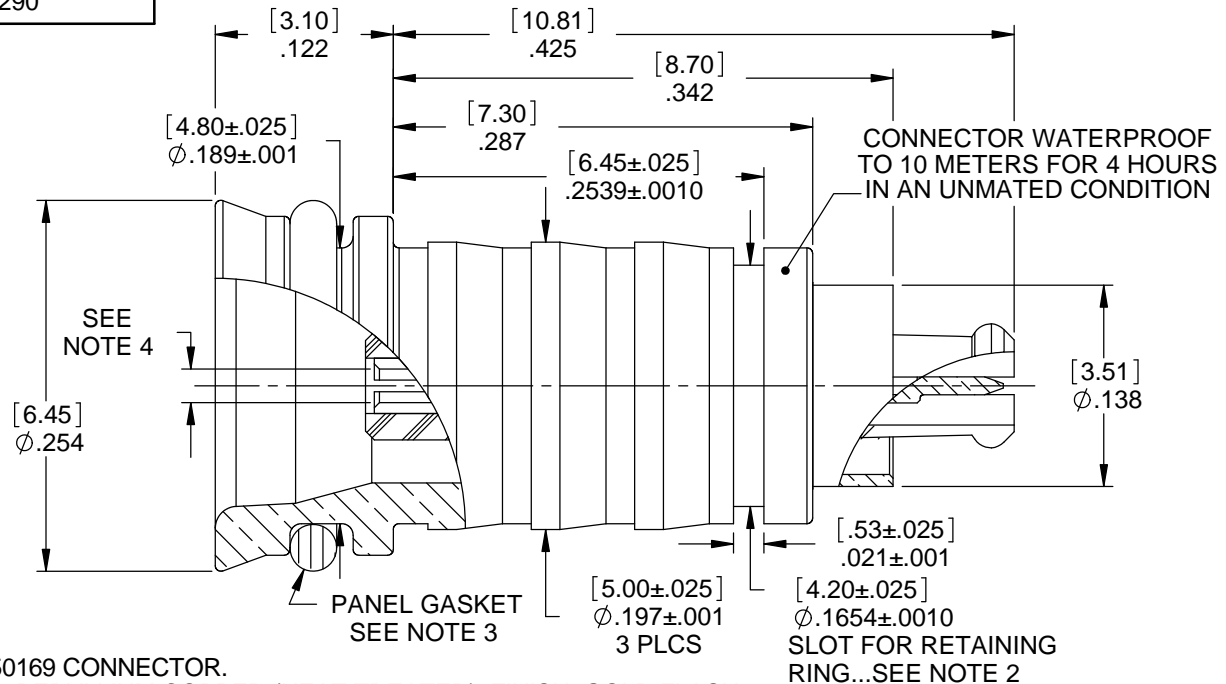
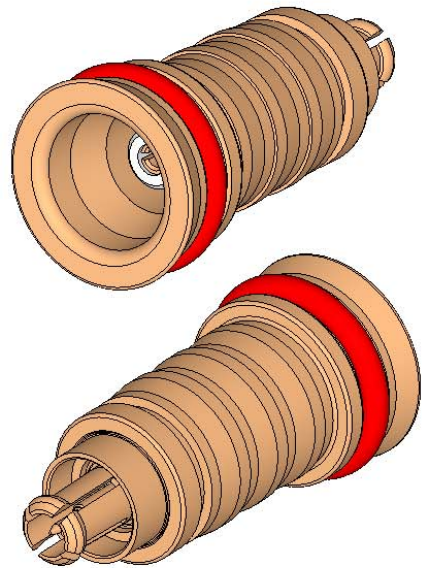
MATERIAL/FINISH PROPERTIES

MATERIAL PROPERTIES:
 BODY: BERYLLIUM COPPER PER ASTM B196, HEAT TREATED TO H1, PER ES110
 CONTACT: BERYLLIUM COPPER PER ASTM B196, HEAT TREATED TO H1, PER ES110
 INSULATOR: PTFE PER ASTM D1710 OR EQUIVALENT
 GASKETS: SILICONE RUBBER PER AA59588 OR EQUIVALENT

PLATING PROPERTIES:
 BODY: .000040 MIN. GOLD PER MIL-G-45204 OVER
 .000050 MIN. NICKEL PER QQ-N-290
 CONTACT: .000040 MIN. GOLD PER MIL-G-45204 OVER
 .000050 MIN. NICKEL PER QQ-N-290

MECHANICAL/ELECTRICAL PROPERTIES

CONNECTOR MEETS: RoHS 2002/95/EC STANDARDS
 CONNECTOR DURABILITY: 3000 CYCLES MIN.
 IMPEDANCE: 50 OHMS NOMINAL
 FREQUENCY RANGE: DC-6 GHz
 VOLTAGE RATING: 100 VRMS
 INSULATION RESISTANCE: 500 MEGOHMS
 CONTACT RESISTANCE:
 CENTER: 5.0 MILLIOHMS MAX.
 OUTER: 1.0 MILLIOHMS MAX.



- NOTES: 1. ADVANCED BIONICS PART: 10800 50169 CONNECTOR.
 2. OPTIONAL: RETAINING RING [MATL: BERYLLIUM COPPER (HEAT TREATED), FINISH: GOLD FLASH OVER NICKEL PLATING, ROTOR CLIP P/N: C-18BC] CAN BE ORDERED FROM INTELLICONNECT SEPARATELY (P/N: RG127G8).
 3. PANEL GASKET (Ø.181 ID X C/S Ø.032±.003 SILICONE RUBBER, 70 DUROMETER) IS SUPPLIED WITH THE CONNECTOR AND IS FULLY ASSEMBLED. RECOMMENDED GASKET TO HOUSING COMPRESSION FACTOR/SIDE = .0043 [0.11] MIN. TO .0125 [0.32] MAX.
 4. CENTER CONTACT CLOSED TO PICK UP A 1 OZ. MIN. WEIGHT ON A Ø.0190 MAX. PIN WITH A 16 MICRO FINISH.

IntelliConnect

UNLESS OTHERWISE SPECIFIED
 ALL DIMENSIONS ARE REFERENCE
 X.XXX DIM'S = INCHES * [X.XX] DIM'S = MILLIMETERS
 SURFACE FINISH: 63 MICRO MAX.
 ALL DIAMETERS TO BE CONCENTRIC WITHIN .005 F.I.M.

TITLE: ABMS JACK TO MC CARD PLUG SEALED BULKHEAD MOUNT STRAIGHT ADAPTER

MATERIAL & FINISH: PER TABLE ABOVE

DRAWN BY: SRS DATE: 08/01/12	CHECK BY: PCS DATE: 08/01/12	APPR. BY: TLB DATE: 08/01/12
CAGE CODE NO: 5N5S5	SCALE 8:1	SIZE A
SALES DRAWING	PART NO. A5986-1BK-100G	SHEET 1 OF 1

C	ECN 1408	TLB	06/10/13
B	ECN 1389	TLB	01/07/13
A	NPR 857U	TLB	09/14/12
REV	DESCRIPTION	APPR	DATE