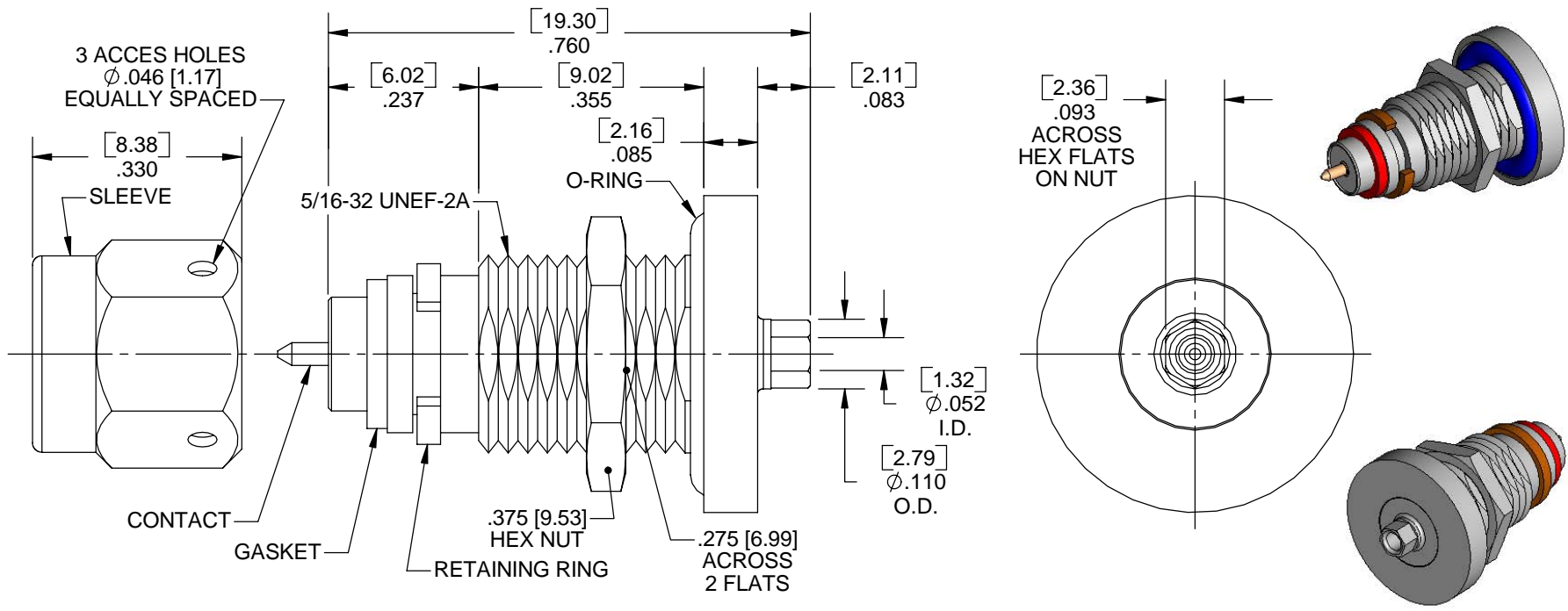


MATERIAL/FINISH PROPERTIES

MATERIAL PROPERTIES:
 BODY & SLEEVE: STAINLESS STEEL PER ASTM A582 OR EQUIVALENT
 CONTACT: BRASS PER ASTM B16 OR EQUIVALENT
 INSULATOR: PTFE PER ASTM D1710 OR EQUIVALENT
 HEX NUT: STAINLESS STEEL PER ASTM A582 OR EQUIVALENT
 GASKET: SILICONE RUBBER, GRADE 50-60 OR EQUIVALENT
 O-RING: FLUOROSILICONE PER MIL-R-25988 OR EQUIVALENT, COLOR: BLUE
PLATING PROPERTIES:
 BODY: PASSIVATE PER QQ-P-35
 CONTACT/SOLDER BODY: .000030 MIN. GOLD PER MIL-G-45204 OVER
 .000050 MIN. NICKEL PER QQ-N-290
 SLEEVE & HEX NUT: PASSIVATE PER QQ-P-35

MECHANICAL/ELECTRICAL PROPERTIES

CONNECTOR MEETS: MIL-STD-348 FIG. 310-1, MIL-PRF-39012
 CONNECTOR MEETS: RoHS 2002/95/EC STANDARDS
 CONNECTOR DURABILITY: 500 CYCLES MIN.
 MOUNTING: PER ES117-BK450
 PANEL THICKNESS: .250 [6.4] MAX.
 CABLE: M17/151 (.047 S/R) OR EQUIVALENT
 ASSEMBLY INSTRUCTIONS: AI204
 IMPEDANCE: 50 OHMS NOMINAL
 FREQUENCY RANGE: DC-18 GHz
 VOLTAGE RATING: 335 VRMS
 INSULATION RESISTANCE: 5,000 MEGOHMS



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: SMA .047 S/R CABLED BULKHEAD MOUNT PLUG

MATERIAL & FINISH: PER TABLE ABOVE

DRAWN BY: SRS	CHECK BY: PCS	APPR. BY: TLB
DATE: 08/19/06	DATE: 08/19/06	DATE: 08/19/06
CAGE CODE NO: 5N5S5	SCALE: 4:1	SIZE: A
SALES DRAWING	PART NO. 5139-P1BK-111-100P	REV B SHEET 1 OF 1

B	ECN 1367	TLB	05/30/12
A	NPR 417	TLB	10/03/06
REV	DESCRIPTION	APPR	DATE