

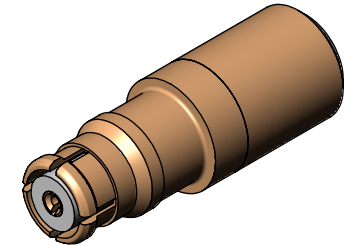
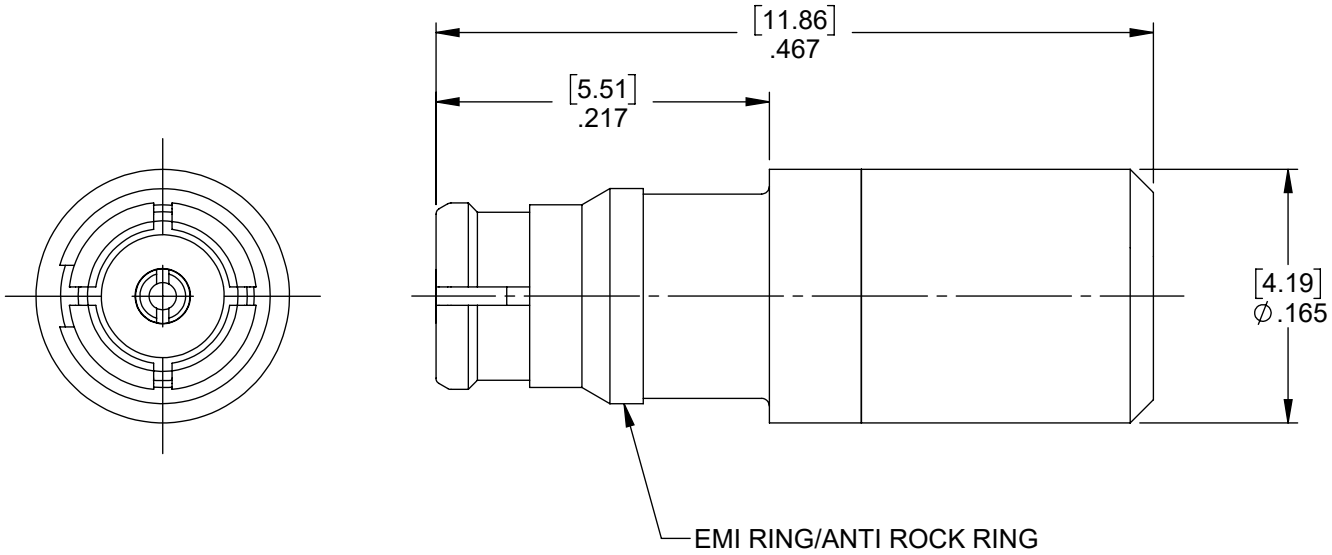
MATERIAL/FINISH PROPERTIES

MATERIAL PROPERTIES:
 BODY: BERYLLIUM COPPER PER ASTM B196 OR EQUIVALENT
 CONTACT: BERYLLIUM COPPER PER ASTM B196 OR EQUIVALENT
 INSULATOR: PTFE PER ASTM D1710 OR EQUIVALENT

PLATING PROPERTIES:
 BODY: .000040 MIN. GOLD PER MIL-G-45204 OVER
 .000050 MIN. COPPER PER MIL-C-14550
 CONTACT: .000040 MIN. GOLD PER MIL-G-45204 OVER
 .000050 MIN. COPPER PER MIL-C-14550

MECHANICAL/ELECTRICAL PROPERTIES

CONNECTOR MEETS: MIL-STD-348 FIG. 326-1a
 CONNECTOR MEETS: RoHS 3 2015/863/EU STANDARDS
 CONNECTOR DURABILITY: 100 CYCLES MIN.
 CABLE: .047" ST/STEEL & NbTi CRYOGENIC SEMI RIGID CABLES
 ASSEMBLY INSTRUCTIONS: AI567
 IMPEDANCE: 50 OHMS NOMINAL
 FREQUENCY RANGE: DC-40 GHz
 VOLTAGE RATING: 250 VRMS
 INSULATION RESISTANCE: 2,500 MEGOHMS
 DIELECTRIC WITHSTANDING VOLTAGE: 500 VRMS



A	NPR 1639E	REP	10/16/19
REV	DESCRIPTION	APPR	DATE



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: SMP STRAIGHT CABLED SOLDERLESS JACK (NON-MAGNETIC)

MATERIAL & FINISH: PER TABLE ABOVE

DRAWN BY: MS	CHECK BY: NB	APPR. BY: REP
DATE: 10/16/19	DATE: 10/16/19	DATE: 10/16/19

CAGE CODE NO: 5N5S5	SCALE: 8:1	SIZE: A	REV: A
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SALES DRAWING	PART NO. 5161-J1NN-611-101G	SHEET 1 OF 1
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