

MATERIAL/FINISH PROPERTIES

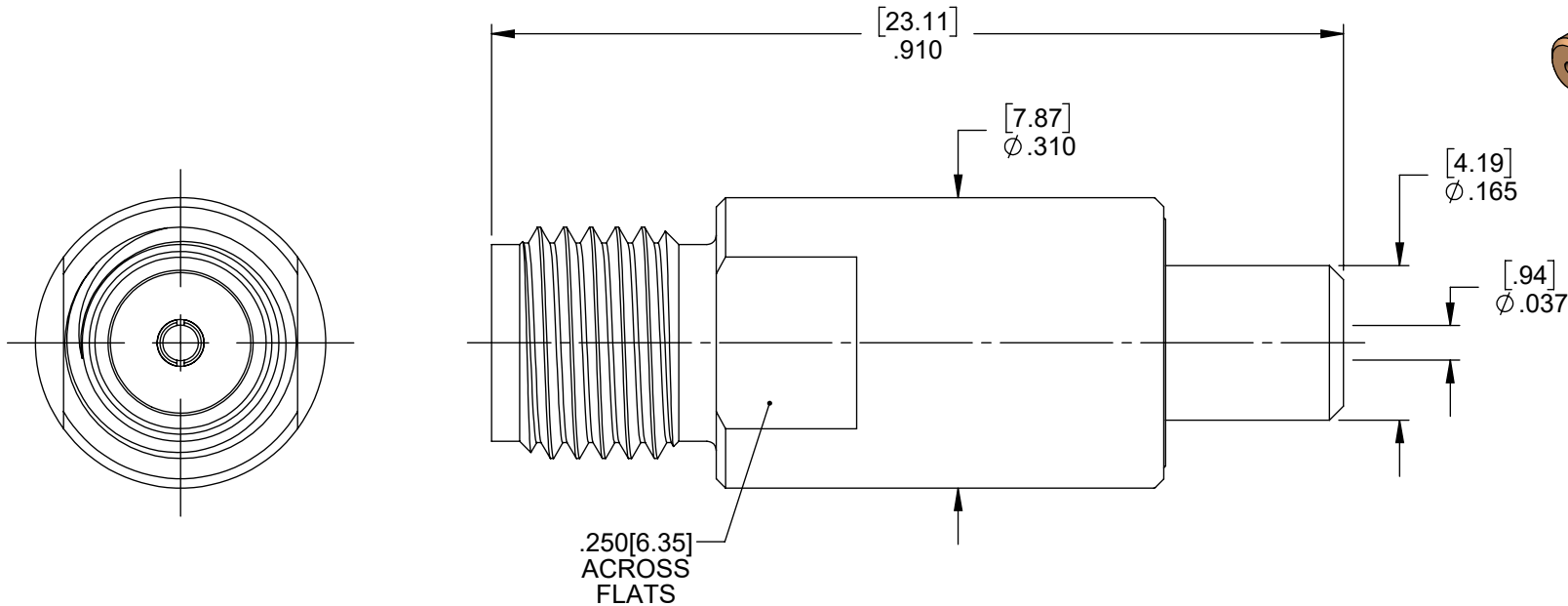
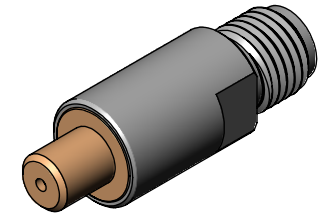
MATERIAL PROPERTIES:
 FRONT BODY: STAINLESS STEEL PER ASTM A582 OR EQUIVALENT
 CONTACT/REAR BODY: BERYLLIUM COPPER PER ASTM B196 OR EQUIVALENT
 INSULATOR: PTFE PER ASTM D1710 OR EQUIVALENT

PLATING PROPERTIES:
 FRONT BODY: PASSIVATE PER QQ-P-35, TYPE II
 REAR BODY: .000030 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: MIL-STD-348 FIG. 310-2, MIL-PRF-39012
 CONNECTOR MEETS: RoHS 3 2015/863/EU STANDARDS
 CONNECTOR DURABILITY: 500 CYCLES MIN.
 CABLE: .034 SEMI RIGID
 CABLE RETENTION FORCE MIN: 22LBS [10KG] (ST/STEEL)
 11LBS [5KG] (NbTi)

ASSEMBLY INSTRUCTION: AI558
 IMPEDANCE: 50 OHMS NOMINAL
 FREQUENCY RANGE: DC-18 GHz
 VOLTAGE RATING: 335 VRMS
 INSULATION RESISTANCE: 5,000 MEGOHMS



IntelliConnect

TITLE: SMA STRAIGHT CABLED SOLDERLESS JACK

MATERIAL & FINISH: PER TABLE ABOVE

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.

DRAWN BY: NB
DATE: 03/26/20

CHECK BY: MS
DATE: 03/26/20

APPR. BY: REP
DATE: 03/26/20

CAGE CODE NO: 5N5S5

SCALE
5:1

SIZE
A

REV
A

SALES DRAWING

PART NO.
5139-J1NN-652-100P

SHEET
1 OF 1

A	NPR 1708E	REP	03/26/20
REV	DESCRIPTION	APPR	DATE