

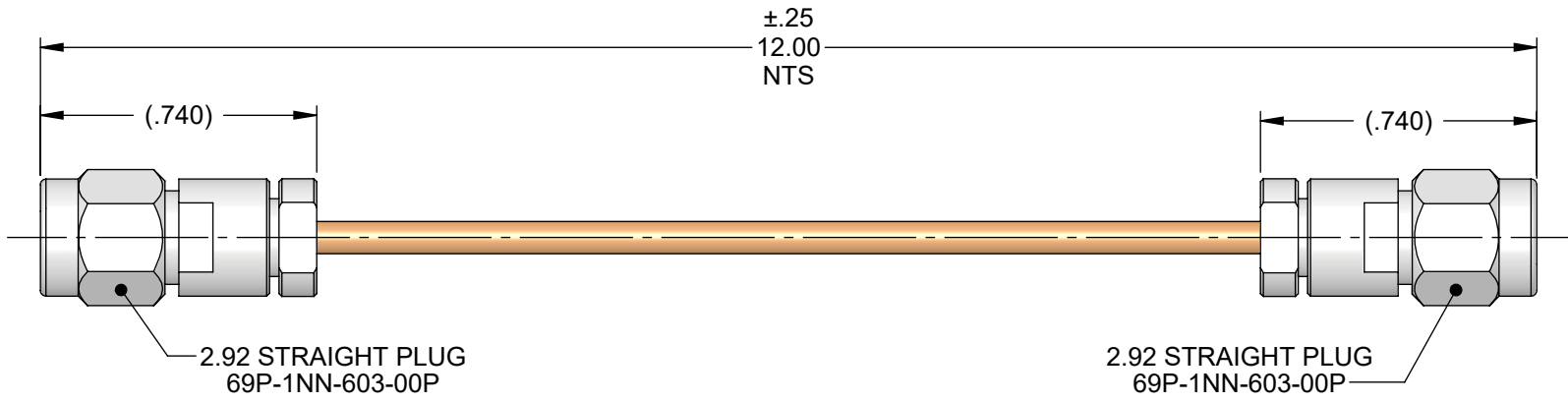
MATERIAL/FINISH PROPERTIES

MATERIAL PROPERTIES:
 BODY, SLEEVE, NUT: STAINLESS STEEL PER ASTM A582 OR EQUIVALENT
 CONTACT: BERYLLIUM COPPER PER ASTM B196 OR EQUIVALENT
 INSULATOR: PCTFE (KEL-F), COLOR: NATURAL PER ASTM-D-1430

PLATING PROPERTIES:
 BODY, SLEEVE, NUT: PASSIVATE PER QQ-P-35, TYPE II
 CONTACT: .000030 MIN. GOLD PER MIL-G-45204 OVER
 .000050 MIN. NICKEL PER QQ-N-290

MECHANICAL/ELECTRICAL PROPERTIES

CONNECTOR MEETS: MIL-STD-348 FIG. 323-1, MIL-PRF-39012
 CONNECTOR MEETS: RoHS 2015/863/EU STANDARDS
 CONNECTOR DURABILITY: 500 CYCLES MIN.
 CABLE: Ø.086 NIOBIUM TITANIUM OR EQUIVALENT
 IMPEDANCE: 50 OHMS NOMINAL
 FREQUENCY RANGE: DC-40 GHz
 INSULATION RESISTANCE: 5,000 MEGOHMS MIN.
 VOLTAGE RATING: 335 VRMS
 THERMAL SHOCK: MIL-STD-202, METHOD 107



| | | | |
|-----|-------------|------|----------|
| | | | |
| | | | |
| | | | |
| | | | |
| A | ECN 1185 | SEM | 07/19/24 |
| REV | DESCRIPTION | APPR | DATE |

BROWNING ELECTRONICS
RF CONNECTOR SOLUTIONS

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: 2.92 STRAIGHT PLUG TO PLUG SOLDERLESS CABLE ASSEMBLY

MATERIAL & FINISH: PER TABLE ABOVE

| | | |
|-------------------------|--------------------------------|------------------------|
| DRAWN BY: TLB | CHECK BY: TLL | APPR. BY: SEM |
| DATE: 07/19/24 | DATE: 07/19/24 | DATE: 07/19/24 |
| DO NOT SCALE DWG | SCALE 2:1 | SIZE A |
| SALES DRAWING | PART NO. C410-91-01P | SHEET 1 OF 1 |