

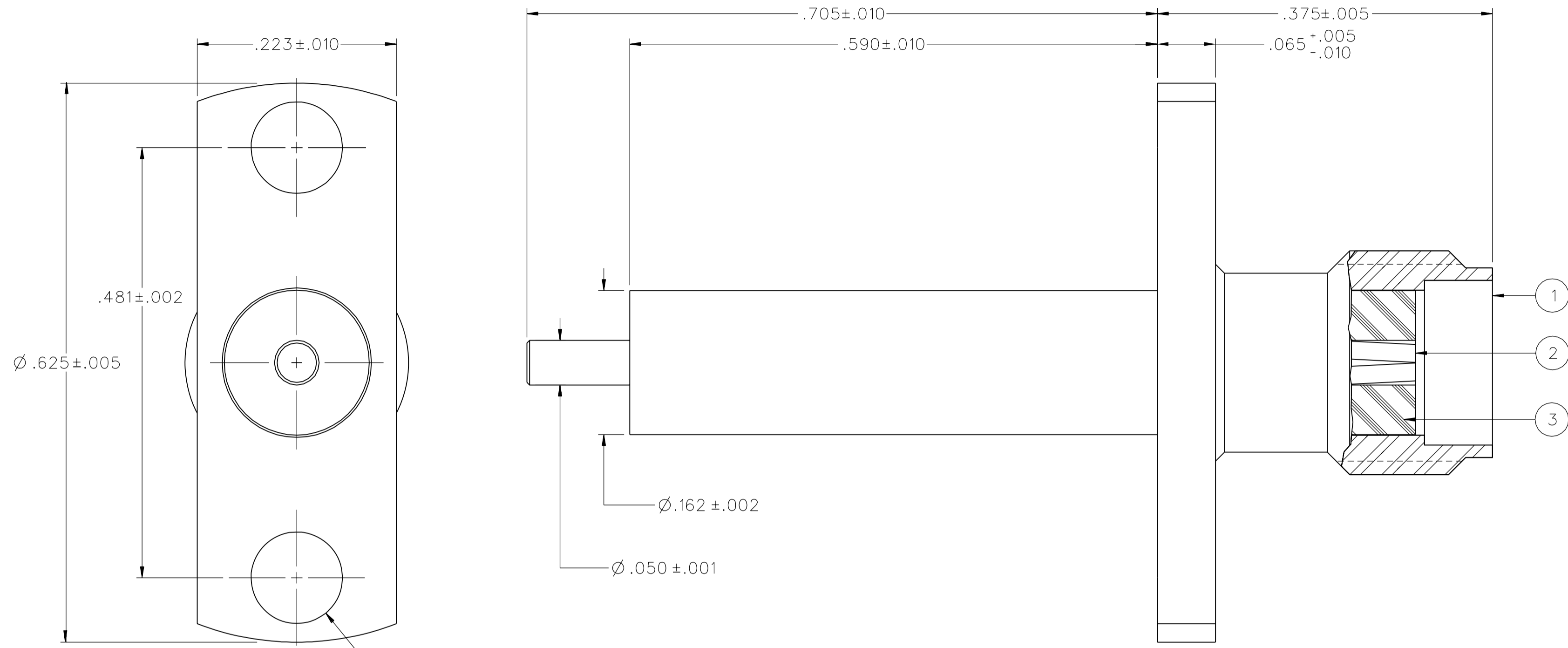
PART NUMBER	ITEM ① BODY	ITEM ② CONTACT	ITEM ③ INSULATOR
141-0701-621	STAINLESS STEEL GOLD PL .00001 MIN OVER NICKEL PL .00005 MIN OVER	BERYLLIUM COPPER GOLD PL .00005 MIN OVER NICKEL PL .00005 MIN OVER COPPER PL .00005 MIN	TEFLON
141-0701-622	STAINLESS STEEL PASSIVATED	BERYLLIUM COPPER GOLD PL .00005 MIN OVER NICKEL PL .00005 MIN OVER COPPER PL .00005 MIN	TEFLON

DRAWING NO.  
C - 141-0701-621/630

0 REVISIONS

ENGINEERING RELEASE

1	1-2-06	P A T	S B D	J R K	P D W	4-3-06 ECN 50151
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NOTES:

1. SPECIFICATIONS:

IMPEDANCE: 50 OHMS  
 FREQUENCY RANGE: 0-18 GHz  
 VSWR: 1.15+.02F (F IN GHz)  
 WORKING VOLTAGE: 335 VRMS MAX AT SEA LEVEL  
 DIELECTRIC WITHSTANDING VOLTAGE: 1000 VRMS MIN AT SEA LEVEL  
 INSULATION RESISTANCE: 5000 MEGOHM MIN  
 CONTACT RESISTANCE:  
 CENTER CONTACT - INITIAL 3.0 MILLIOHM MAX, AFTER ENVIRONMENTAL 4.0 MILLIOHM MAX  
 OUTER CONDUCTOR - INITIAL 2.0 MILLIOHM MAX AFTER ENVIRONMENTAL NOT APPLICABLE  
 BRAID TO BODY - NOT APPLICABLE  
 CORONA LEVEL: 250 VOLTS MIN AT 70,000 FEET  
 INSERTION LOSS: .06√F (F IN GHz) AT 6 GHz  
 RF LEAKAGE: -60 DB MIN AT 2 TO 3 GHz  
 RF HIGH POTENTIAL WITHSTANDING VOLTAGE: 670 VRMS MIN AT 4 AND 7 MHz

MECHANICAL:

ENGAGE/DISENGAGE TORQUE: 2 IN-LBS MAX  
 MATING TORQUE: 7-10 IN-LBS  
 COUPLING PROOF TORQUE: NOT APPLICABLE  
 COUPLING NUT RETENTION: NOT APPLICABLE  
 CONTACT RETENTION: 6 LBS MIN AXIAL FORCE  
 4 IN-OZ MIN RADIAL TORQUE  
 CABLE ACCEPTABILITY: NOT APPLICABLE  
 CABLE HEX CRIMP SIZE: NOT APPLICABLE  
 CABLE RETENTION: NOT APPLICABLE  
 DURABILITY: 500 CYCLES MIN

ENVIRONMENTAL:

(MEETS OR EXCEEDS THE APPLICABLE PARAGRAPH OF MIL-PRF-39012)  
 THERMAL SHOCK: MIL-STD-202, METHOD 107, CONDITION B EXCEPT 200 DEG C HIGH TEMP  
 OPERATING TEMPERATURE: -65 DEG C TO 165 DEG C  
 CORROSION: MIL-STD-202, METHOD 101, CONDITION B  
 SHOCK: MIL-STD-202, METHOD 213, CONDITION I  
 VIBRATION: MIL-STD-202, METHOD 204, CONDITION D  
 MOISTURE RESISTANCE: MIL-STD-202, METHOD 106

CUSTOMER DRAWING

THIS DRAWING TO BE INTERPRETED PER ASME Y 14.5M - 1994

"μSTATION"

COMPANY CONFIDENTIAL

TOLERANCE UNLESS OTHERWISE SPECIFIED		DRAWN BY PAT	DATE 12-28-05	<b>Connectivity Solutions</b> P.O. Box 1732 Waseca, MN 56093 1-800-247-8256
DECIMALS	mm	CHECKED BY PDW	DATE 3-31-06	
.XX	_____	APPROVED BY JRK/SBD	DATE 3-31-06	TITLE JACK ASSEMBLY 2 HOLE FLANGE MOUNT, EXTENDED DIELECTRIC, SMA
.XXX ±.003	_____	RELEASE DATE	4-3-06	SHEET 2 OF 2
MATL	_____	U/M	INCH	DRAWING NO. C - 141-0701-621/630
FINISH	_____	SCALE	10:1	