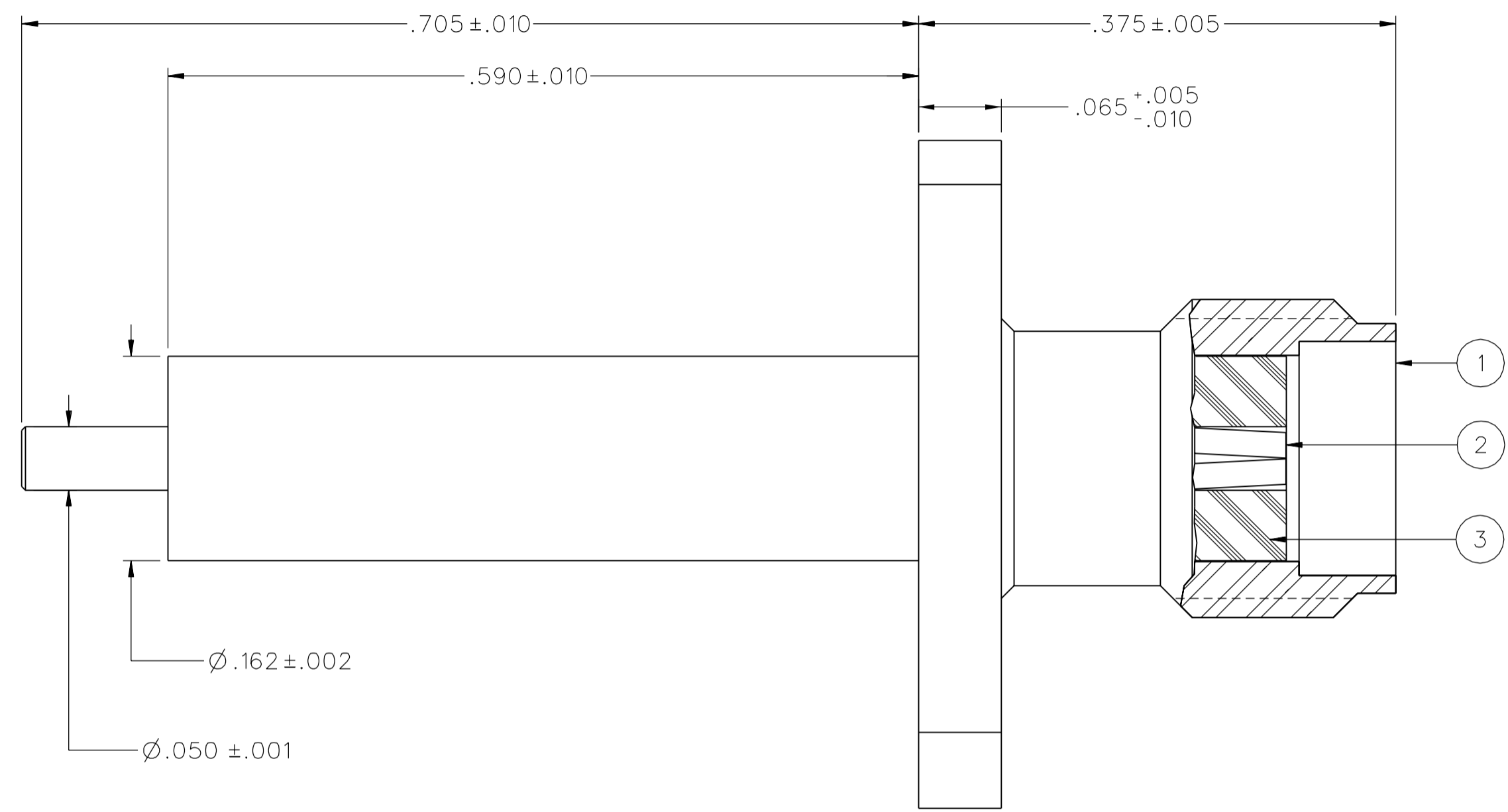
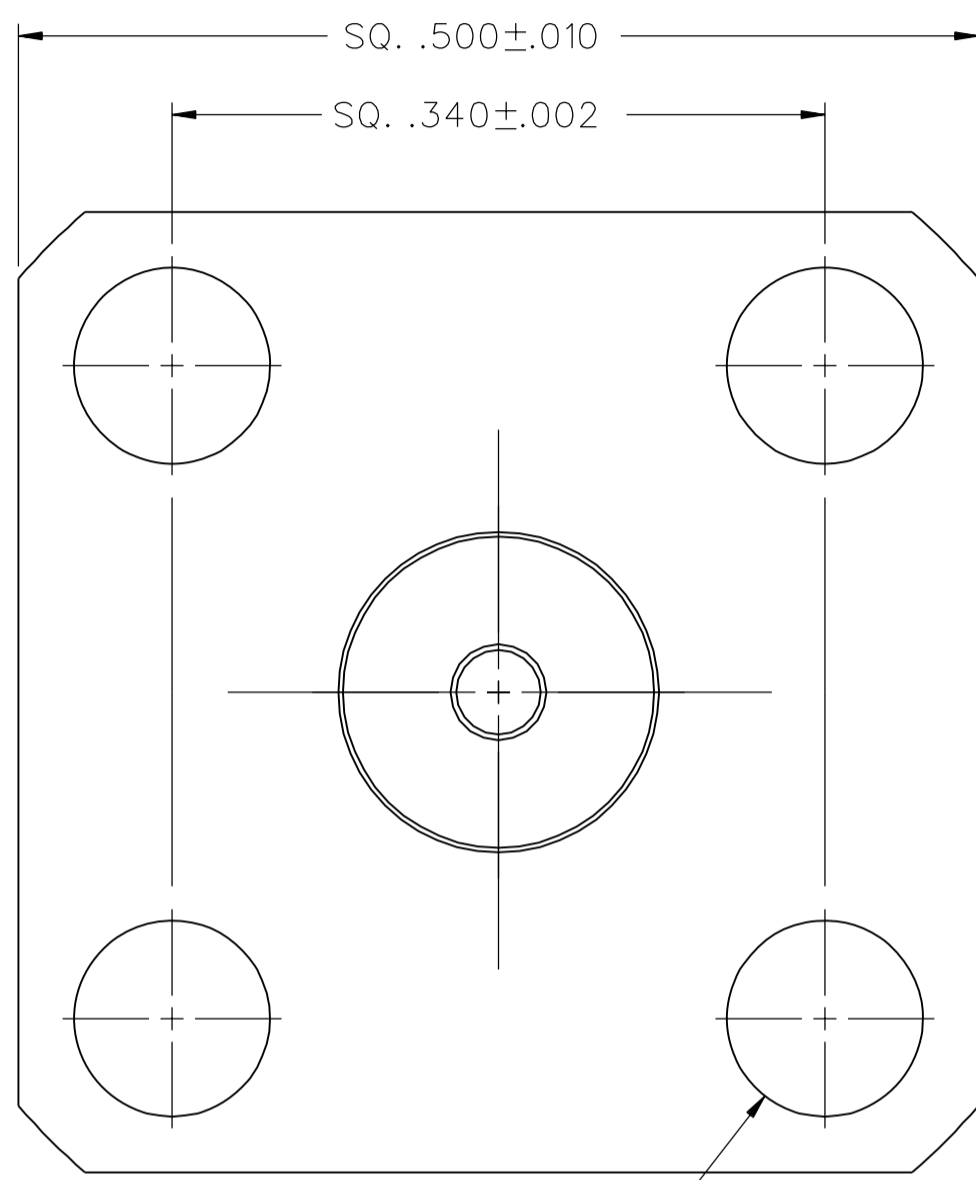


PART NUMBER	ITEM ① BODY	ITEM ② CONTACT	ITEM ③ INSULATOR
141-0701-631	STAINLESS STEEL GOLD PL .00001 MIN OVER NICKEL PL .00005 MIN OVER	BERYLLIUM COPPER GOLD PL .00005 MIN OVER NICKEL PL .00005 MIN OVER COPPER PL .00005 MIN	TEFLON
141-0701-632	STAINLESS STEEL PASSIVATED	BERYLLIUM COPPER GOLD PL .00005 MIN OVER NICKEL PL .00005 MIN OVER COPPER PL .00005 MIN	TEFLON

DRAWING NO. C - 141-0701-631/640	
0	REVISIONS
ENGINEERING RELEASE	
1	1-2-06 P A T S B D J R K P D W 4-3-06 ECN 50150



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: -90 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

"μ STATION"

COMPANY CONFIDENTIAL

TOLERANCE UNLESS OTHERWISE SPECIFIED		DRAWN BY PAT	DATE 12-28-05	 <b>Cinch</b> CONNECTIVITY SOLUTIONS a bel group	Cinch Connectivity Solutions P.O. Box 1732 Waseca, MN 56093 1-800-247-8256	
DECIMALS	mm	CHECKED BY PDW	DATE 3-31-06		TITLE JACK ASSEMBLY, .500 FLANGE MOUNT EXTENDED DIELECTRIC, SMA	
.XX	_____	APPROVED BY JRK/SBD	DATE 3-30-06	SHEET 2 OF 2		
.XXX ±.003	_____	RELEASE DATE 4-3-06	SCALE 10:1	DRAWING NO. C - 141-0701-631/640		
MATL	_____					
FINISH	_____					