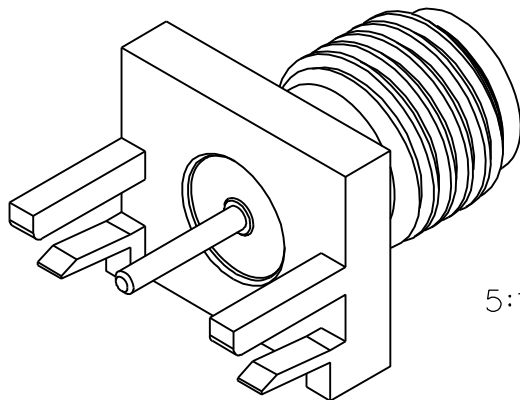
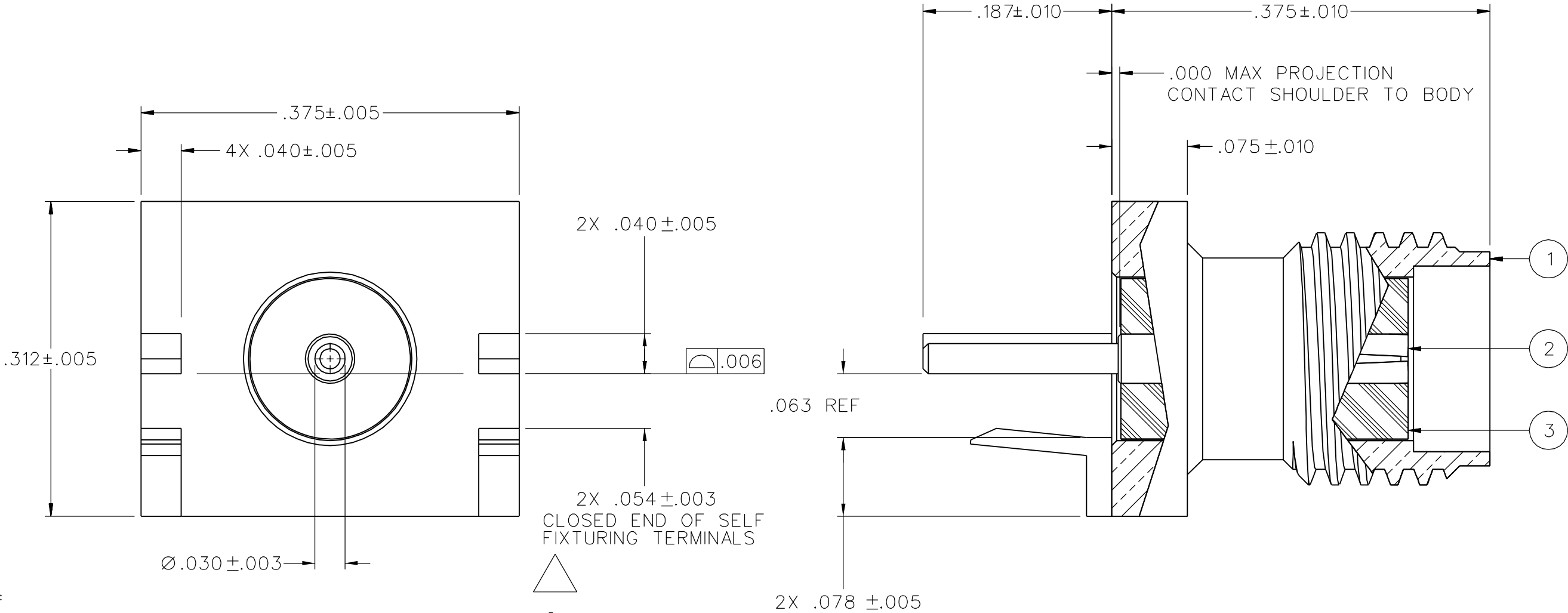


PART NUMBER	ITEM ① BODY	ITEM ② CONTACT	ITEM ③ INSULATOR
142-1701-841	BRASS GOLD PL .00001 MIN OVER NICKEL PL .00005 MIN OVER COPPER PL .00005 MIN	BERYLLIUM COPPER GOLD PL .00005 MIN OVER NICKEL PL .00005 MIN OVER COPPER PL .00005 MIN	TEFLON



5:1

DRAWING NO.									
C - 142-1701-841/850									
0	REVISIONS								
ENGINEERING RELEASE									
1	3-15-10	C W	S J	R J	M J	3-16-10 ECO 52196			
DELETED NOTE 3									
2	4-23-15	M S	M L	R J	J A	M J	4-23-15 ECO 55624		



NOTES:

1. SPECIFICATIONS:

ELECTRICAL:

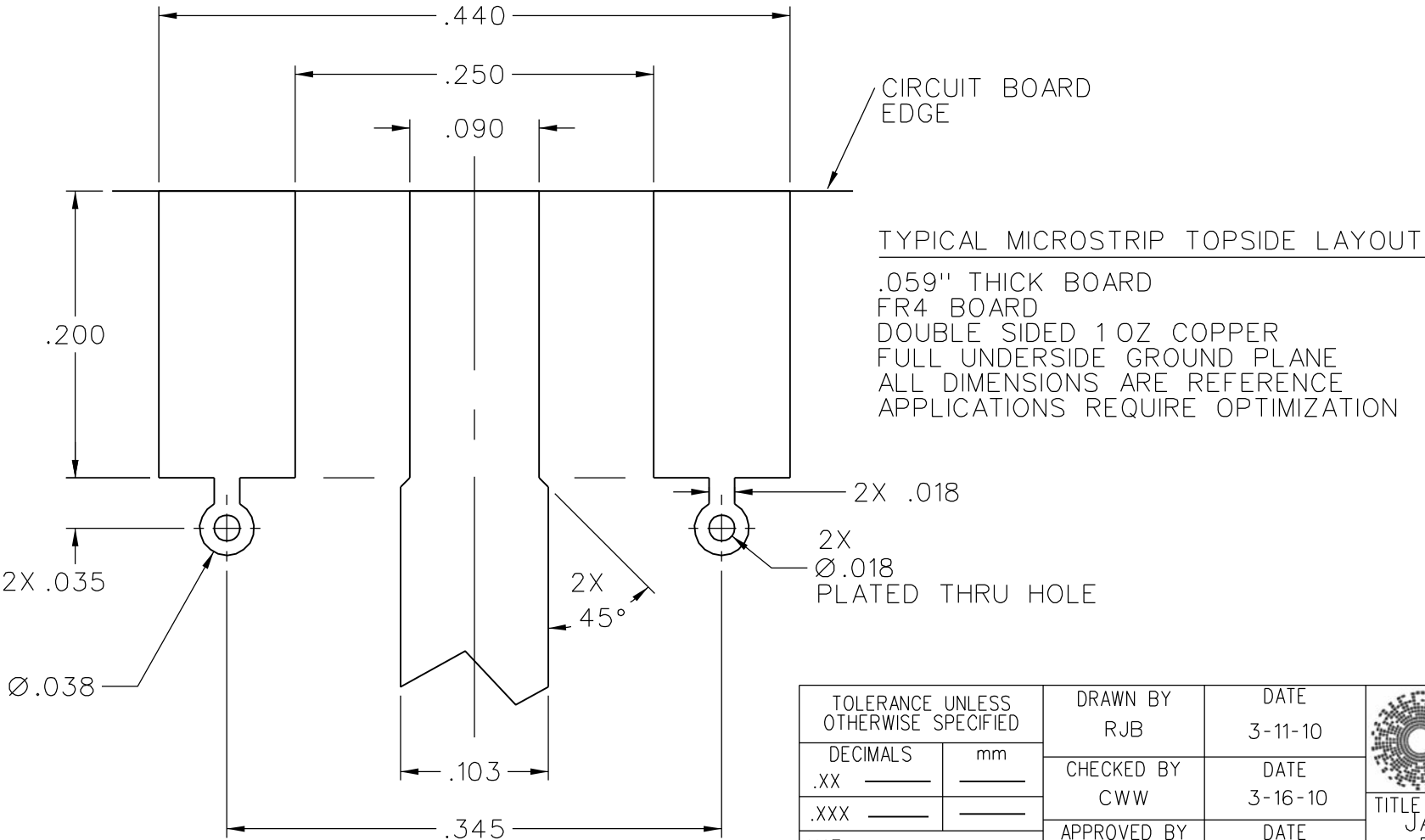
IMPEDANCE: 50 OHMS
FREQUENCY RANGE: 0-18 GHz
VSWR: NOT APPLICABLE
WORKING VOLTAGE: 335 VRMS MAX AT SEA LEVEL
DIELECTRIC WITHSTANDING VOLTAGE: 1000 VRMS MIN AT SEA LEVEL
INSULATION RESISTANCE: 5000 MEGOHMS MIN
CONTACT RESISTANCE: CENTER CONTACT - INITIAL 3 MILLIOHMS MAX, AFTER ENVIRONMENTAL NOT APPLICABLE
OUTER CONDUCTOR - INITIAL 2.0 MILLIOHMS MAX AFTER ENVIRONMENTAL 4 MILLIOHMS MAX
BRAID TO BODY - NOT APPLICABLE
CORONA LEVEL: 250 VOLTS MIN AT 70,000 FEET
INSERTION LOSS: NOT APPLICABLE
RF LEAKAGE: NOT APPLICABLE
RF HIGH POTENTIAL WITHSTANDING VOLTAGE: 670 VRMS MIN AT 4 AND 7 MHz

MECHANICAL:

ENGAGE/DISENGAGE TORQUE: 2 INCH POUNDS MAX
MATING TORQUE: 7-10 INCH POUNDS
COUPLING PROOF TORQUE: NOT APPLICABLE
COUPLING NUT RETENTION: NOT APPLICABLE
CONTACT RETENTION: 6 LBS MIN AXIAL FORCE
4 OZ-IN MIN RADIAL TORQUE
CABLE ACCEPTABILITY: 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
OPERATING TEMPERATURE: -65°C TO 165°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



2. ALL CONNECTOR TERMINALS ARE INTENDED TO BE SOLDERED TO CIRCUIT BOARD.

CUSTOMER DRAWING

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

"μSTATION"

COMPANY CONFIDENTIAL

TOLERANCE UNLESS OTHERWISE SPECIFIED		DRAWN BY RJB	DATE 3-11-10	 cinch CONNECTIVITY SOLUTIONS a bel group	P.O. Box 1732 Waseca, MN 56093 1-800-247-8256	
DECIMALS	mm	CHECKED BY CWW	DATE 3-16-10		TITLE JACK ASSEMBLY, SELF FIXTURING END LAUNCH, ROUND CONTACT, SMA, .059 BOARD THICKNESS	
.XX		APPROVED BY	DATE			
.XXX		RELEASE DATE	3-16-10			
MATL		U/M	INCH	SCALE	10:1	SHEET 2 OF 2
FINISH		DRAWING NO. C - 142-1701-841/850				