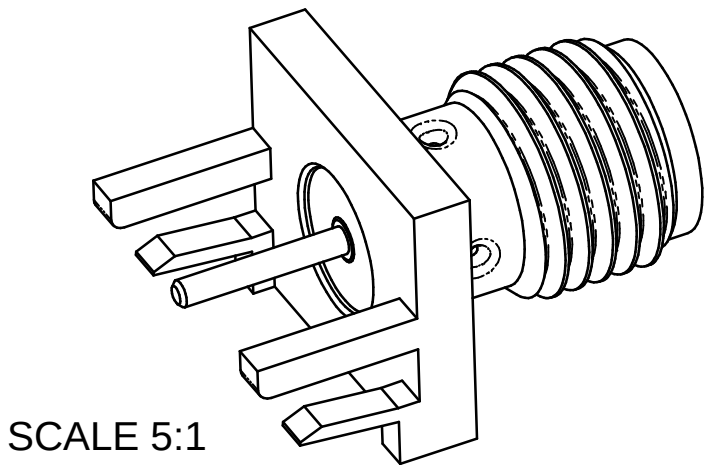
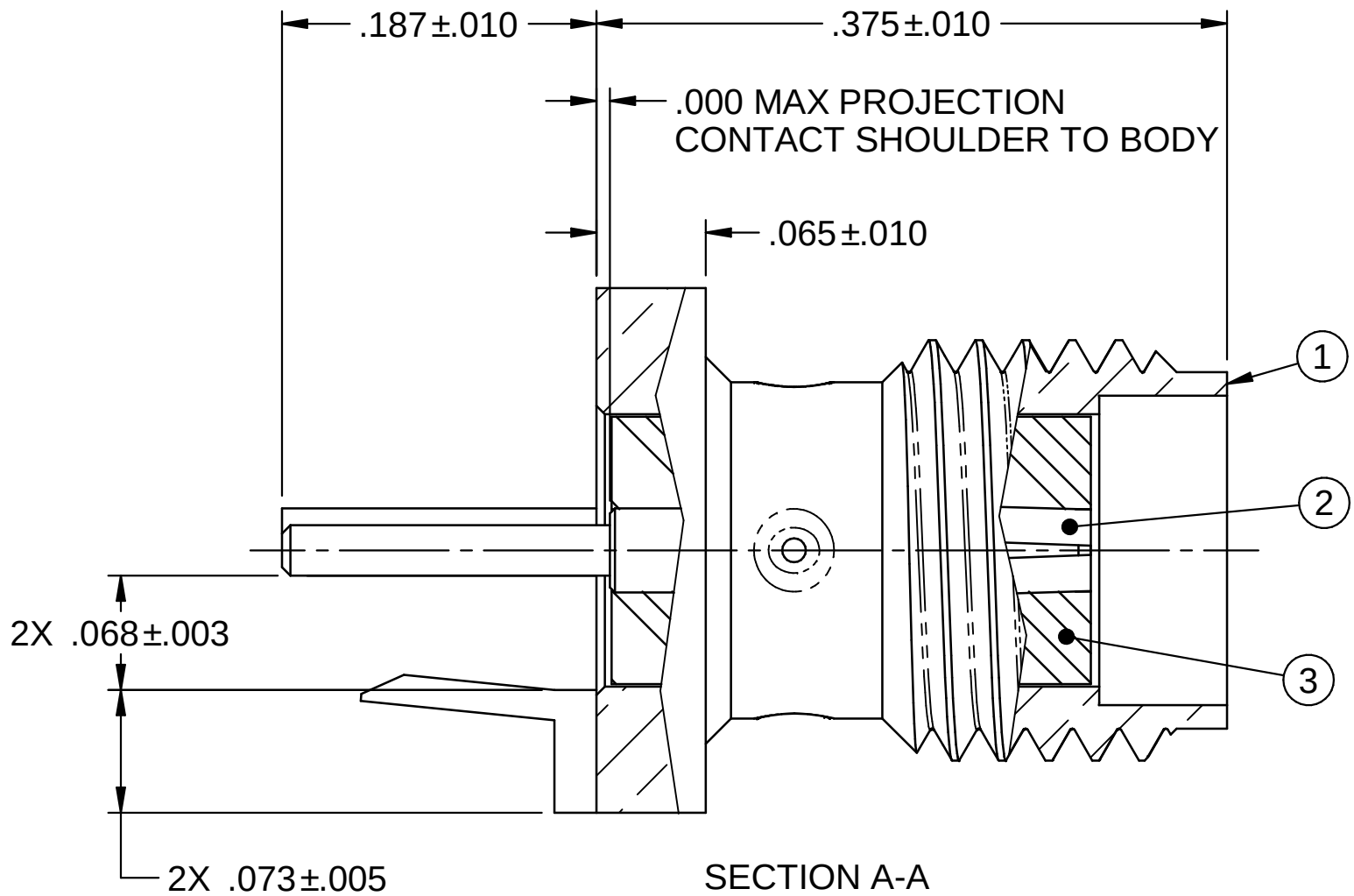
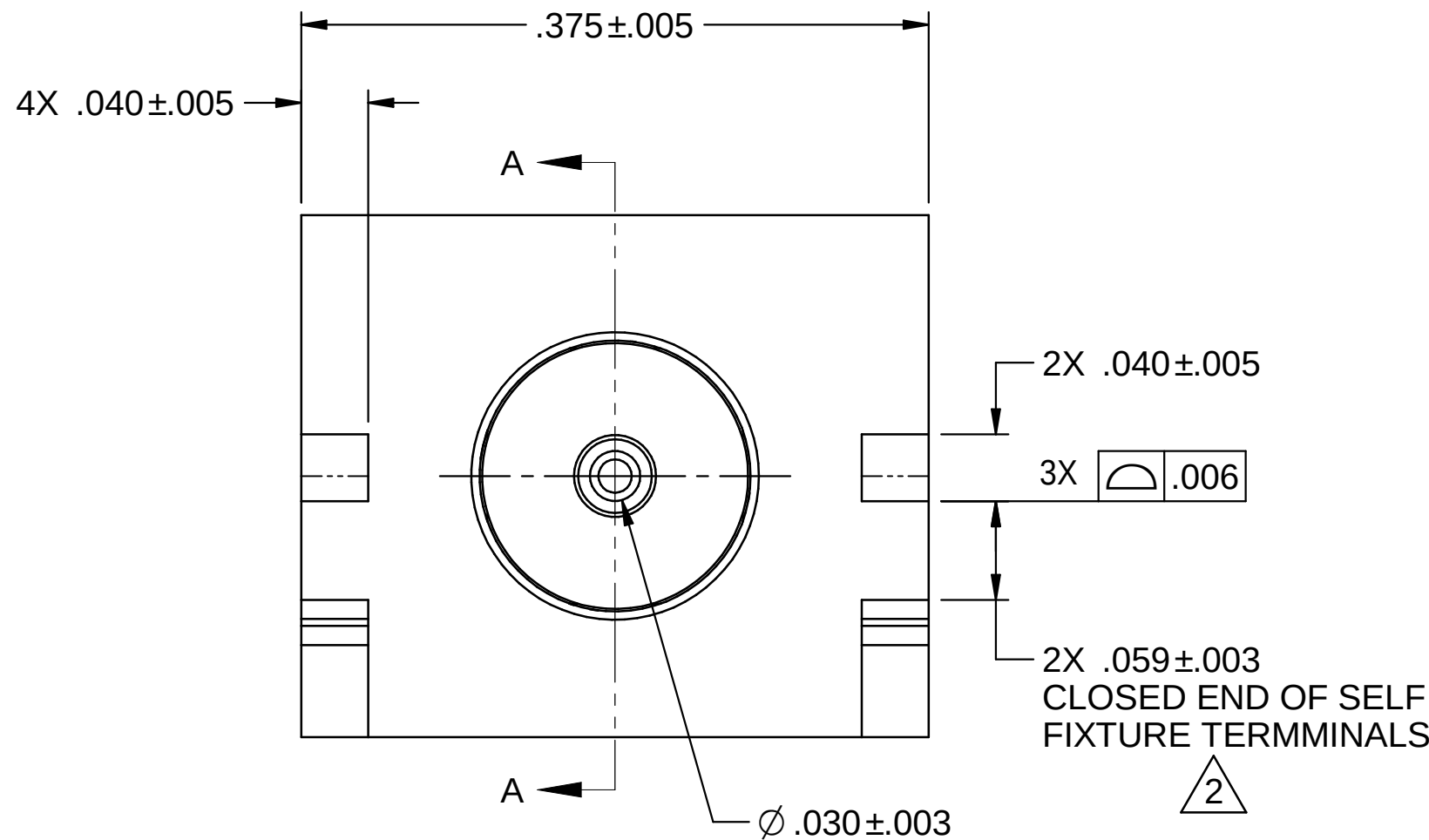


PART NUMBER	ITEM 1 BODY	ITEM 2 CONTACT	ITEM 3 INSULATOR
142-0791-801	BRASS GOLD PL .00001 MIN OVER NICKEL PL .00005 MIN OVER COPPER PL .00005 MIN	BERYLLIUM COPPER GOLD PL .00005 MIN OVER NICKEL PL .00005 MIN OVER COPPER PL .00005 MIN	TEFLON



SCALE 5:1

ZONE	REV	ECO	DESCRIPTION	APPR.	DATE
	1	52058	RELEASED	TAK	10/13/09
	1A	53953		TAK	1/16/12



NOTES: UNLESS OTHERWISE SPECIFIED.

1. SPECIFICATIONS:

ELECTRICAL:

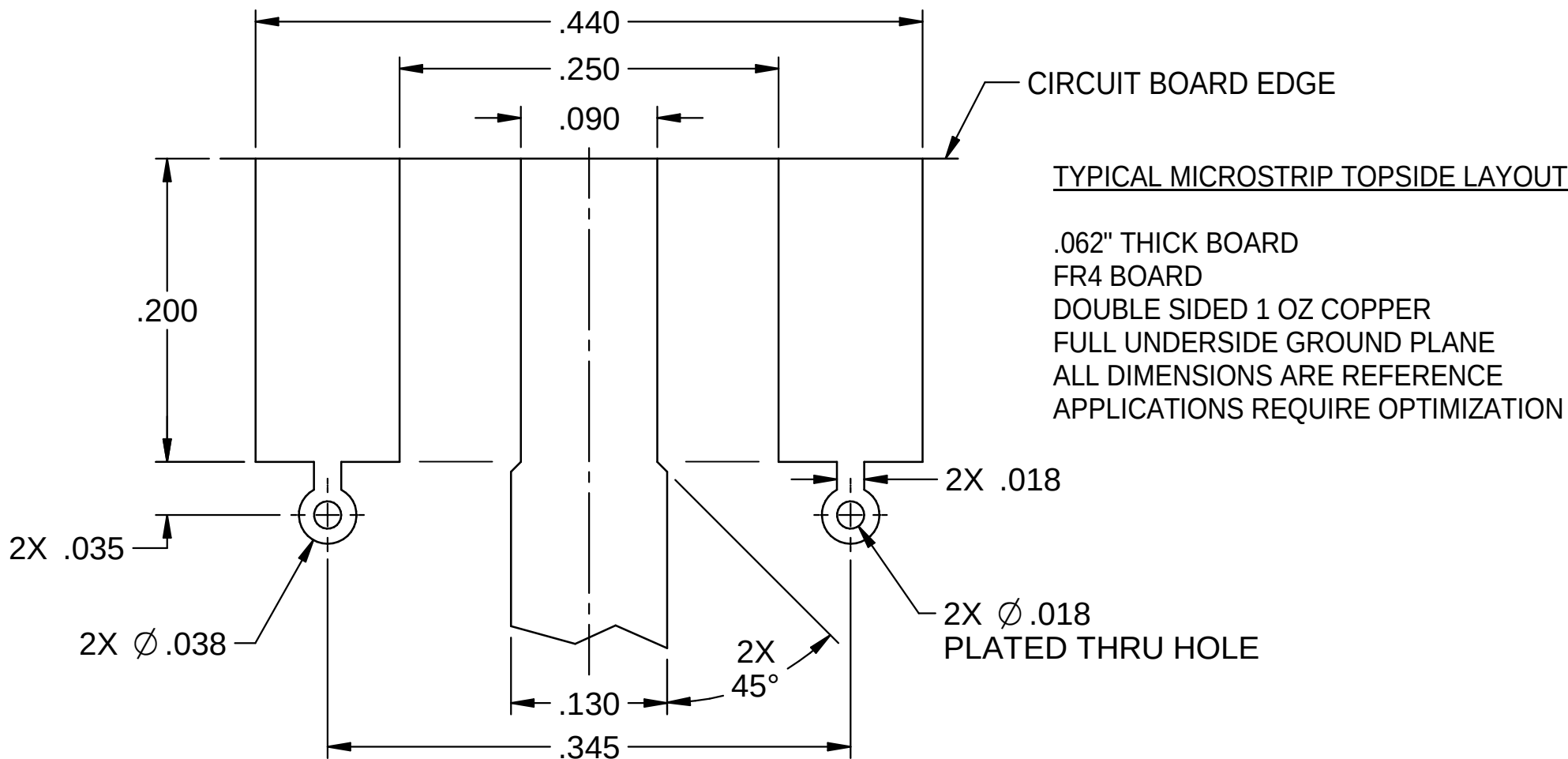
IMPEDANCE: 50 OHMS
FREQUENCY RANGE: 0-18 GHz
WORKING VOLTAGE: 335 VRMS MAX AT SEA LEVEL
DIELECTRIC WITHSTANDING VOLTAGE: 1000 VRMS MIN AT SEA LEVEL
INSULATION RESISTANCE: 5000 MEGOHMS MIN
CONTACT RESISTANCE: CENTER CONTACT - INITIAL 3 MILLIOHMS MAX
AFTER ENVIRONMENTAL - 4 MILLIOHMS MAX
OUTER CONDUCTOR - INITIAL 2.0 MILLIOHMS MAX
AFTER ENVIRONMENTAL - N/A
CORONA LEVEL: 250 VOLTS MIN AT 70,000 FEET
RF HIGH POTENTIAL WITHSTANDING VOLTAGE: 670 VRMS MIN AT 4 AND 7 MHz

MECHANICAL:

ENGAGEMENT/DISENGAGEMENT TORQUE: 2 INCH POUNDS MAX
MATING TORQUE: 7-10 INCH POUNDS
CONTACT RETENTION: 6 LBS MIN AXIAL FORCE
4 OZ-IN MIN RADIAL TORQUE
DURABILITY: 500 CYCLES MIN

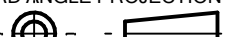
ENVIRONMENTAL:

(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



.062" THICK BOARD
FR4 BOARD
DOUBLE SIDED 1 OZ COPPER
FULL UNDERSIDE GROUND PLANE
ALL DIMENSIONS ARE REFERENCE
APPLICATIONS REQUIRE OPTIMIZATION

2. ALL CONNECTOR TERMINALS SHALL BE SOLDERED TO THE CIRCUIT BOARD.

 EMERSON Network Power Connectivity Solutions This PROPRIETARY Document is property of Emerson Network Power Connectivity Solutions. It is confidential in nature, non-transferable, and issued with the clear understanding that it is not traced or copied without permission and is returnable upon demand.	Model No. 142-0791-801/810		JOHNSON			
		Cage Code 34078	Title SMA JACK SELF FIXTURE END LAUNCH		Material	
		3RD ANGLE PROJECTION 				
		UNLESS OTHERWISE SPECIFIED UNITS: INCHES	Drawn By TAK	Date 9/18/07	Drawing No. 142-0791-801/810	
	Approved by TAK	Date 10/13/09	Size C	DO NOT SCALE DRAWING	Scale 10:1	Sheet 1 of 2