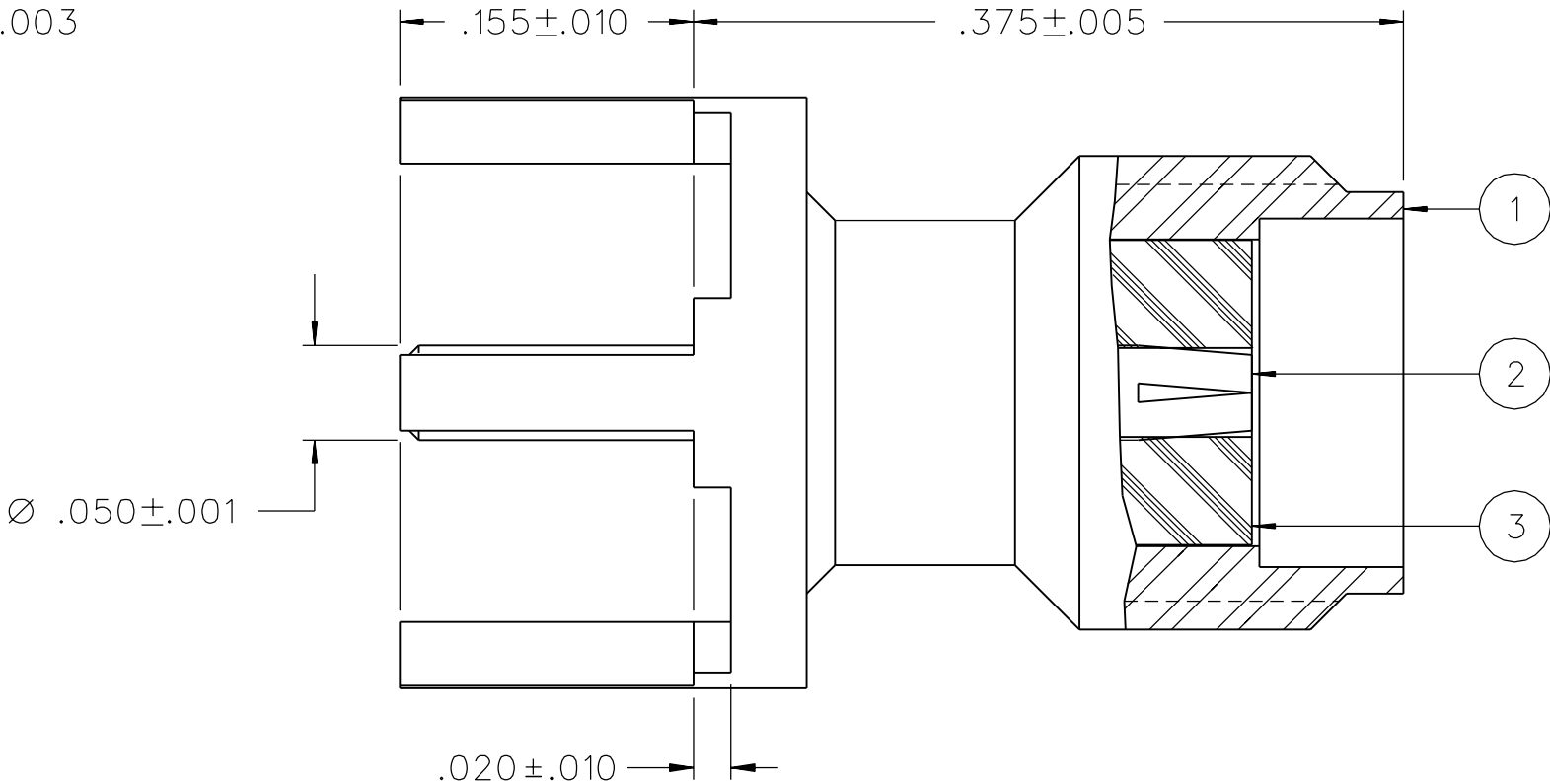
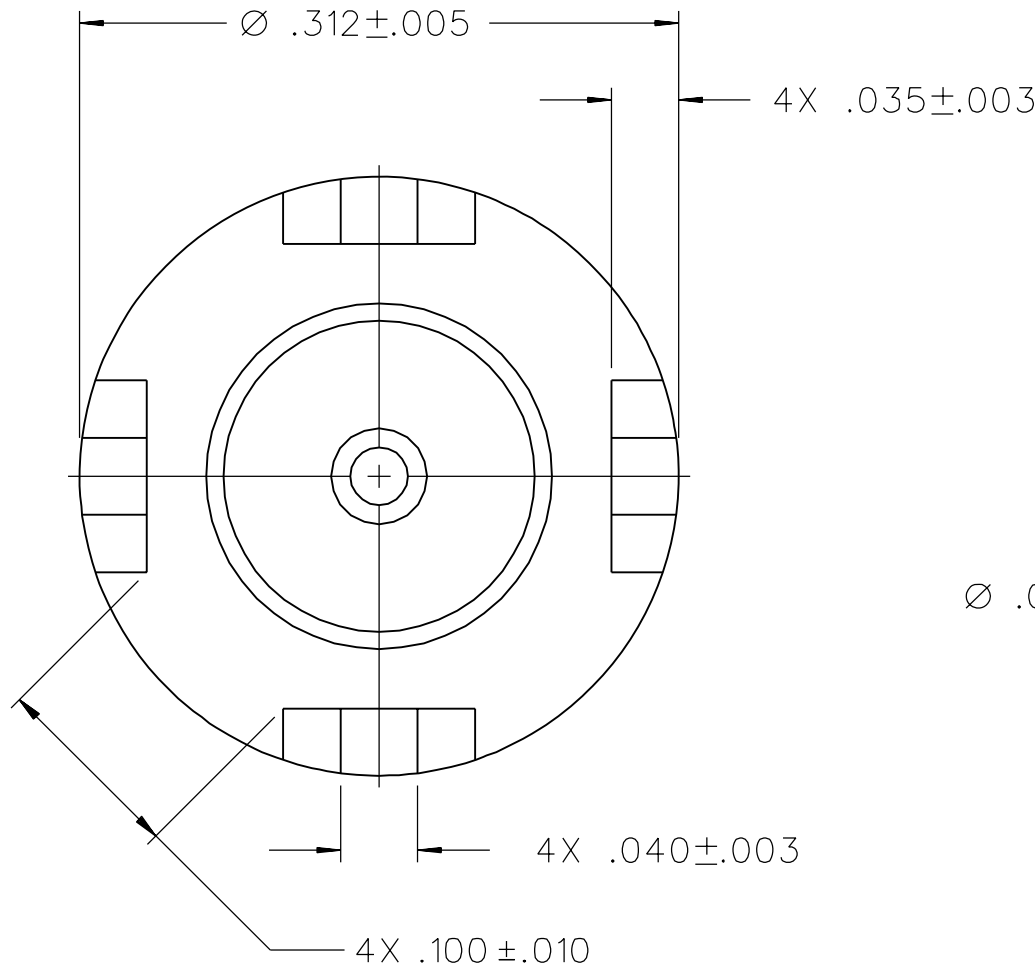


PART NUMBER	ITEM ① BODY	ITEM ② CONTACT	ITEM ③ INSULATOR
141-0701-201	STAINLESS STEEL GOLD PL .00005 MIN OVER NICKEL PL .00005 MIN OVER COPPER PL .00005 MIN	BERYLLIUM COPPER GOLD PL .00005 MIN OVER NICKEL PL .00005 MIN OVER COPPER PL .00005 MIN	TEFLON
141-0701-202	STAINLESS STEEL GOLD PL .00005 MIN OVER 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	TEFZEL



NOTES:

1. SPECIFICATIONS:

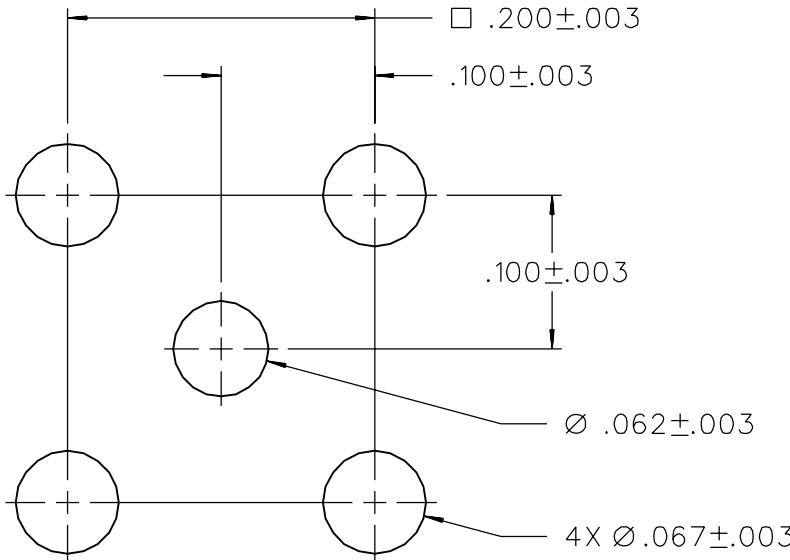
IMPEDANCE: 50 OHMS
FREQUENCY RANGE: 0-18 GHz
VSWR: NOT APPLICABLE
WORKING VOLTAGE: 335 VRMS MAX AT SEA LEVEL
DIELECTRIC WITHSTANDING VOLTAGE: 1000 VRMS MIN AT SEA LEVEL
INSULATION RESISTANCE: 5000 MEGOHM MIN
CONTACT RESISTANCE:
CENTER CONTACT - INITIAL 3.0 MILLIOHM MAX, AFTER ENVIRONMENTAL 4.0 MILLIOHM 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: NOT APPLICABLE
RF LEAKAGE: NOT APPLICABLE
RF HIGH POTENTIAL WITHSTANDING VOLTAGE: 670 VRMS MIN AT 5 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 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
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



MOUNTING HOLE LAYOUT

8:1

DRAWING NO.															
C - 141-0701-201/210															
0		REVISIONS													
ENGINEERING RELEASE															
01		11-01-89		EJ		CLD		RJB		AW		11-21-89		ECO 24206	
CHANGED: .541+- .010 WAS .546+- .015. .375+- .005 WAS .375+- .015.															
02		02-27-90		EJ		CLD		RJB		AW		03-07-90		ECO 24386	
ADDED: EXCEPT 125° HIGH TEMP TO THERMAL SHOCK.															
DELETED: .541+- .010.															
CHANGED: 0-18 GHz WAS 0-8.															
03		04-11-90		EJ		RJB		AW				4-16-90		ECO 24532	
ADDED: .100+- .003 TO MOUNTING HOLE LAYOUT.															
DELETED: .125° C HIGH TEMP FROM THERMAL SHOCK SPEC.															
CHANGED: 4X .035+- .003 WAS 4X .035+- .005. 4X .040+- .003 WAS 4X .040+- .005. +- .003 ON DIMS IN MOUNTING HOLE LAYOUT WERE +.000-.005. 5 MHz WAS 5 MHz MIN IN RF HIGH POT SPEC.															
04		05-22-90		EJ		RJB		AW				6-6-90		ECO 24655	
ADDED: .020+- .010. 4X .100+- .010.															
CHANGED: UPDATED GRAPHICS.															
5		7-9-90		EJ		RJB		AW				7-16-90		ECO 24755	
VERSION UPDATE															
6		9-6-90		EJ		RJB		AW				9-5-90		ECO 24868	
ADDED: P/N 142-0701-202															

* REVISION NUMBER FOLLOWED BY AN ALPHA *															
* CHARACTER INDICATES DRAWING CLARIFI- *															
* CATION OR PART NUMBER ADDITION ONLY. *															


6a		5-29-97		RH		RJB						ECN 44730			
VERSION UPDATE															
7		2-1-06		PAT		SBD		JRK		PDW		4-3-06		ECN 50240	

CUSTOMER DRAWING

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

"μ STATION"

COMPANY CONFIDENTIAL

TOLERANCE UNLESS OTHERWISE SPECIFIED		DRAWN BY <i>EJ</i>		DATE 9-12-89		 Connectivity Solutions P.O. Box 1732 Waseca, MN 56093 1-800-247-8256	
DECIMALS		mm		CHECKED BY GLD		DATE 11-9-89	
.XX		_____		APPROVED BY RJB		DATE 11-20-89	
.XXX ±.003		_____		RELEASE DATE 11-21-89		TITLE JACK ASSEMBLY STRAIGHT PC MOUNT SMA	
MATL		_____		U/M		INCH	
FINISH		_____		SCALE		10:1	
				SHEET 2 OF 2		DRAWING NO. C - 141-0701-201/210	