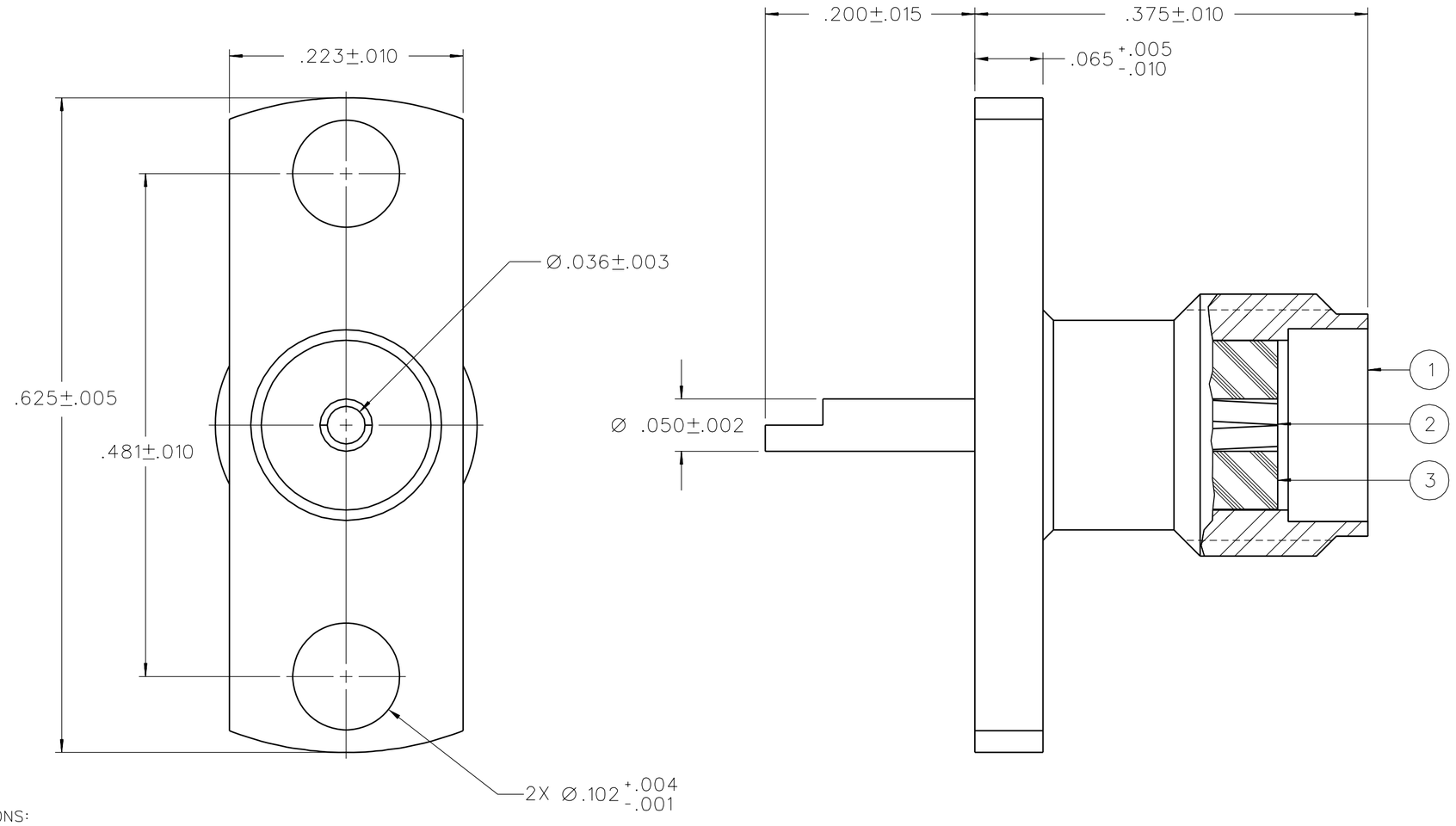
PART NUMBER	ITEM ① BODY	ITEM ② CONTACT	ITEM ③ INSULATOR
141-0701-601	STAINLESS STEEL GOLD PL .00001 MIN OVER NICKEL PL .00005 MIN	BERYLLIUM COPPER GOLD PL .00005 MIN OVER NICKEL PL .00005 MIN OVER COPPER PL .00005 MIN	TEFLON
141-0701-602	STAINLESS STEEL PASSIVATED	BERYLLIUM COPPER GOLD PL .00005 MIN OVER NICKEL PL .00005 MIN OVER COPPER PL .00005 MIN	TEFLON



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 WITHS MINTANDING 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° 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

DRAWING NO. C-141-0701-601/610

0	REVISIONS						
ENGINEERING RELEASE							
01	01-08-90	EJ	GLD	RJB	AAW		01-12-90 ECO 24303
ADDED: MOISTURE RESISTANCE SPEC. CHANGED: .195±.015 WAS .200±.015 DIA .036±.005 WAS .025±.003 .481±.010 WAS .480±.010.							
02	02-27-90	EJ	GLD	RJB	AAW		03-08-90 ECO 24433
ADDED: 200° C HIGH TEMP TO THERMAL SHOCK SPEC. CHANGED: .200±.015 WAS .195±.015 .065+.000-.010 WAS .065±.010 .625±.005 WAS .625±.010. DIA .036±.003 WAS .036±.005. DIA .102+.004-.001 WAS .102±.003. FREQUENCY RANGE 0-18 WAS 0-8.							
03	05-22-90	EJ	RJB	AAW			6-15-90 ECO 24656
CHANGED: UPDATED GRAPHICS.							
4	7-7-90	EJ	RJB	AAW			7-16-90 ECO 24758
CHANGED: DIA .050±.002 WAS ±.001, RF HIGH POT 4 AND 7 MHZ WAS 5 MHZ DELETED: COPPER PL ON -601 ITEM 1							
5	3-10-92	RH	RJB				ECO 40873
VERSION UPDATE							
6	12-29-05	PAT	SBD	JRK	PDW		4-3-06 ECN 50147

CUSTOMER DRAWING

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

"μSTATION"

COMPANY CONFIDENTIAL

TOLERANCE UNLESS OTHERWISE SPECIFIED		DRAWN BY	DATE
DECIMALS	mm	EJ	8-15-89
.XX		CHECKED BY	DATE
.XXX			
MATL		APPROVED BY RJB/GLD	DATE 1-9-90
FINISH		RELEASE DATE	1-12-90
		U/M INCH	SCALE 10:1

EMERSON Network Power
Connectivity Solutions
P.O. Box 1732
Waseca, MN 56093
1-800-247-8256

TITLE
JACK ASSEMBLY, FLAMGE MOUNT SMA

SHEET	DRAWING NO.
2 OF 2	C-141-0701-601/610