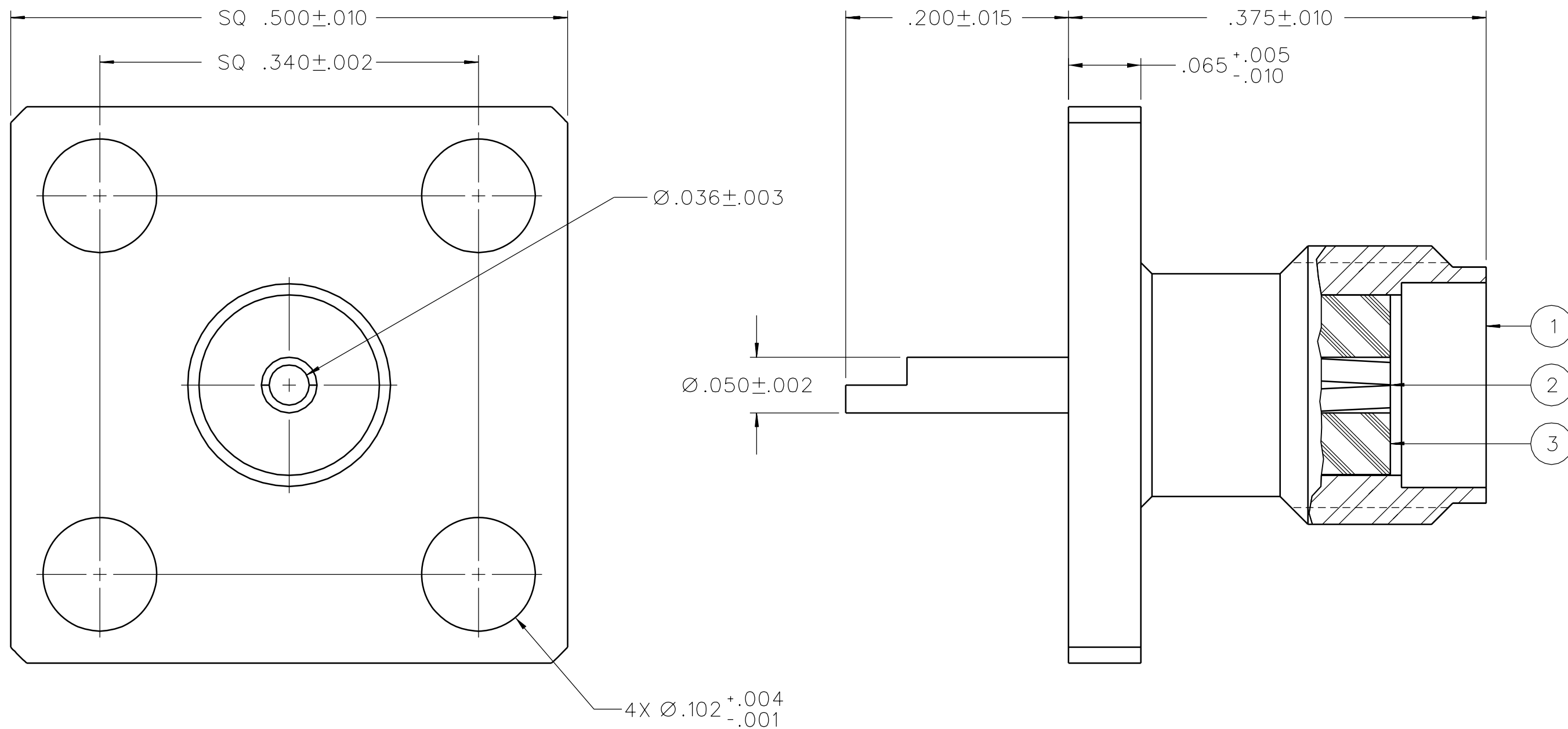


PART NUMBER	ITEM ① BODY	ITEM ② CONTACT	ITEM ③ INSULATOR
141-0701-611	STAINLESS STEEL GOLD PL .00001 MIN OVER NICKEL PL .00005 MIN	BERYLLIUM COPPER GOLD PL .00005 MIN OVER NICKEL PL .00005 MIN OVER COPPER PL .00005 MIN	TEFLON
141-0701-612	STAINLESS STEEL PASSIVATED	BERYLLIUM COPPER GOLD PL .00005 MIN 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 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° 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 - 141-0701-611/620									
0		REVISIONS							
ENGINEERING RELEASE									
01	01-08-90	E J	G B	R B	A W		01-12-90	ECO 24304	
ADDED: MOISTURE RESISTANCE SPEC. CHANGED: .195±.015 WAS .200±.015 DIA .036±.005 WAS .025±.003									
02	02-27-90	E J	G B	R B	A W		03-08-90	ECO 24434	
ADDED: 200° C HIGH TEMP TO THERMAL SHOCK SPEC. CHANGED: .200±.015 WAS .195±.015 .065±.000-.010 WAS .065±.010 .340±.002 WAS .340±.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	E J	R B	A W			6-6-90	ECO 24657	
CHANGED: UPDATED GRAPHICS.									
4	7-7-90	E J	R B	A W			7-16-90	ECO 24759	
CHANGED: DIA .050±.002 WAS DIA .050±.001, RF HIGH POT 4 AND 7 MHZ WAS 5 MHZ									
5	3-10-92	R H	R B					ECO 40874	
VERSION UPDATE									
6	12-29-05	P A T	S B D	J R K	P D W		4-3-06	ECN 50145	

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 8-15-89		 EMERSON Network Power		Connectivity Solutions P.O. Box 1732 Waseca, MN 56093 1-800-247-8256	
DECIMALS .XX	mm	CHECKED BY		DATE		TITLE JACK ASSEMBLY, FLANGE MOUNT SMA			
.XXX		APPROVED BY RJB/GLD		DATE 1-9-90					
MATL		RELEASE DATE		1-12-90		SHEET 2 OF 2			
FINISH		U/M		INCH					