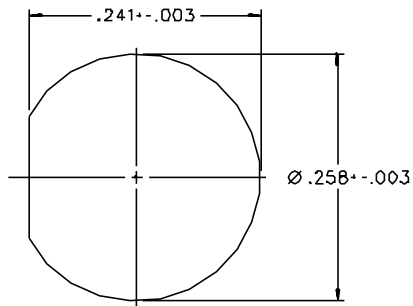
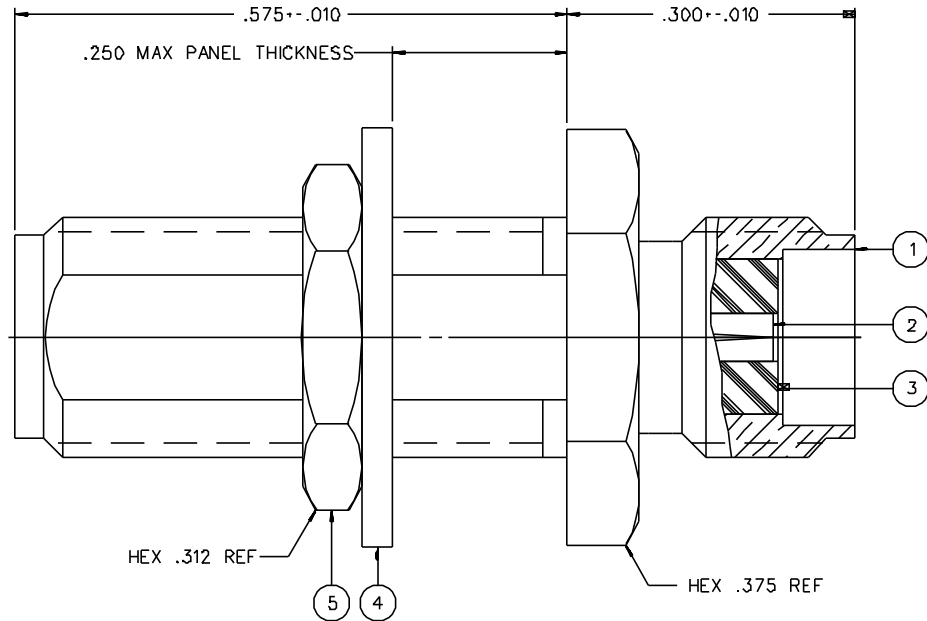


PART NUMBER	ITEM ① BODY	ITEM ② CONTACT	ITEM ③ INSULATOR	ITEM ④ WASHER	ITEM ⑤ NUT
142-0901-401	BRASS GOLD PL .00001 MIN OVER NICKEL PL .00005 MIN OVER COPPER PL .00005 MIN	BERYLLIUM COPPER GOLD PL .00003 MIN OVER NICKEL PL .00005 MIN OVER COPPER PL .00005 MIN	TEFLON	BRASS GOLD PL .00001 MIN OVER NICKEL PL .00005 MIN OVER COPPER PL .00005 MIN	BRASS GOLD PL .00001 MIN OVER NICKEL PL .00005 MIN OVER COPPER PL .00005 MIN
142-0901-406	BRASS NICKEL PL .0001 MIN OVER COPPER PL .00005 MIN	BERYLLIUM COPPER GOLD PL .00003 MIN OVER NICKEL PL .00005 MIN OVER COPPER PL .00005 MIN	TEFLON	BRASS NICKEL PL .0001 MIN OVER COPPER PL .00005 MIN	BRASS NICKEL PL .0001 MIN OVER COPPER PL .00005 MIN



MOUNTING HOLE



NOTES:

1. SPECIFICATIONS:

IMPEDANCE: 50 OHMS
FREQUENCY RANGE: 0-18 GHz
VSWR: 1.05 ± .01 (F) MAX, (F IN GHz)
WORKING VOLTAGE: 500 VRMS MAX AT SEA LEVEL
DIELECTRIC WITHSTANDING VOLTAGE: 1500 VRMS MIN AT SEA LEVEL
INSULATION RESISTANCE: 5000 MEGOHM MIN
CONTACT RESISTANCE:
CENTER CONTACT - INITIAL 4.0 MILLIOHM MAX, AFTER ENVIRONMENTAL 6.0 MILLIOHM MAX
OUTER CONDUCTOR - INITIAL 2.0 MILLIOHM MAX, AFTER ENVIRONMENTAL NOT APPLICABLE
BRAID TO BODY - NOT APPLICABLE
CORONA LEVEL: 375 VOLTS MIN AT 70,000 FEET
INSERTION LOSS: .06 √ F AT 6 GHz (F IN GHz)
RF LEAKAGE: -90 dB MIN AT 2.5 GHz
RF HIGH POTENTIAL WITHSTANDING VOLTAGE: 1000 VRMS MIN AT 4 AND 7 MHz

MECHANICAL:

ENGAGE/DISENGAGE TORQUE: 2 INCH-POUNDS MAX
MATING TORQUE: 7-10 INCH-POUNDS
COUPLING PROOF TORQUE: 15 INCH-POUNDS MIN
COUPLING NUT RETENTION: NOT APPLICABLE
CONTACT RETENTION: 4 LBS MIN AXIAL FORCE
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-A-55339)
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

DRAWING NO. C - 142-0901-401/410			
0	REVISIONS		
ENGINEERING RELEASE			
01	11-14-89	J R B W	11-22-89 ECO 24070
REVISED PER ECO 24687			
2	1-3-91	R T B A	1-11-91 ECO 24687
CHANGED: RF LEAK -90 WAS -60, 2.5 GHz WAS 2-3 GHz RF HIGH POT AND 7 MHz WAS 5 MHz MIL-A-MIL-A-55339 WAS MIL-C-39012			
3	1-11-92	R T B A	ECO 40756

CUSTOMER DRAWING

THIS DRAWING TO BE INTERPRETED
PER ANSI Y 14.5M - 1982

"μSTATION"

COMPANY CONFIDENTIAL

TOLERANCE UNLESS OTHERWISE SPECIFIED		DRAWN BY EJ	DATE 6-27-89	JOHNSON Cinch Connectivity Solutions 299 Johnson Ave. Ste. 100 Waukegan, IL 60087 1-800-247-8256	
DECIMALS .XX	mm	CHECKED BY	DATE		
XXX		APPROVED BY TAK	DATE 11-16-89	TITLE ADAPTER ASSEMBLY, JACK TO BULKHEAD JACK SMA	
MATL		APPROVED BY RJB	DATE 11-20-89	CODE NO.	DRAWING NO. C - 142-0901-401/410
FINISH		RELEASE DATE	11-22-89	SCALE 10:1	U/N INCH SHEET 2 OF 2