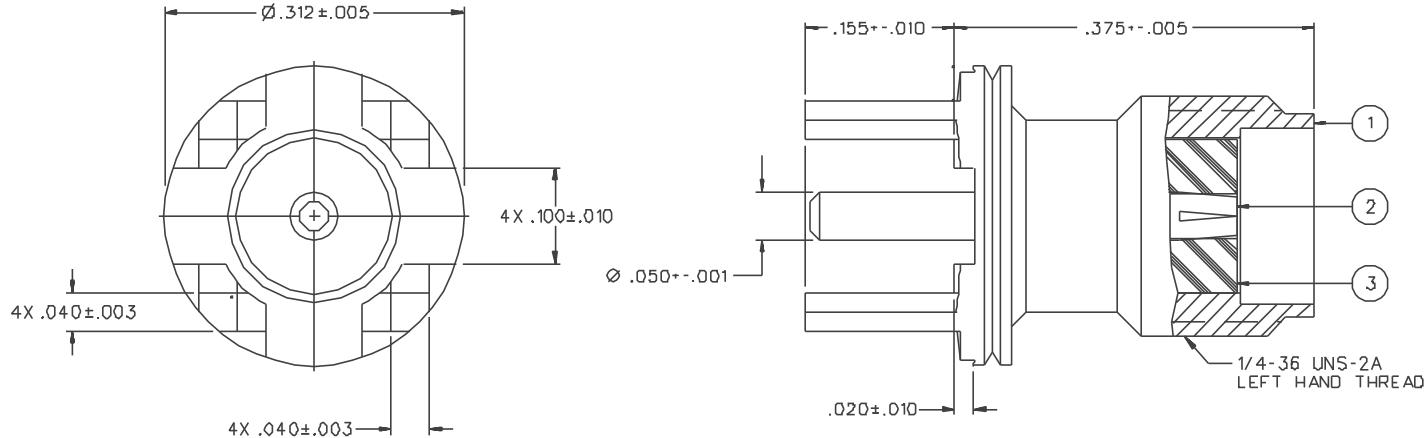


PART NUMBER	ITEM ① BODY	ITEM ② CONTACT	ITEM ③ INSULATOR
142-5701-201	BRASS GOLD PL .00001 MIN OVER NICKEL PL .00005 MIN OVER COPPER PL .00005 MIN	BERYLLIUM COPPER GOLD PL .00005 MIN OVER NICKEL PL .00005 MIN OVER COPPER PL .00005 MIN	TEFLON
142-5701-206	BRASS NICKEL PL .0001 MIN OVER COPPER PL .00005 MIN	BERYLLIUM COPPER GOLD PL .00005 MIN OVER NICKEL PL .00005 MIN OVER COPPER PL .00005 MIN	TEFLON

DRAWING NO.	C - 142-5701-201/210		
0	REVISIONS		
1	ENGINEERING RELEASE		
1	10-29-98	R	S I R P 12-2-98
		H	ECN 45934
2	3-8-01	R	VERSION UPDATE
		A	ECN 47325



#### NOTES:

##### 1. SPECIFICATIONS:

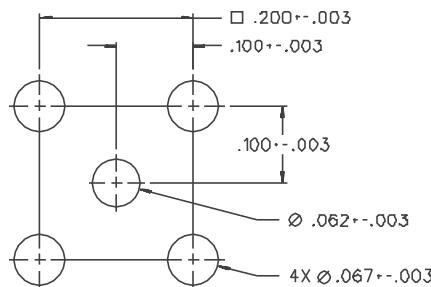
IMPEDANCE: 50 OHMS  
FREQUENCY RANGE: 0-18 GHZ  
VSWR: NOT APPLICABLE  
WORKING VOLTAGE: 335 VRMS MAX AT SEA LEVEL  
DIELECTRIC WITHSTANDING VOLTAGE: 1000 VRMS MIN AT SEA LEVEL  
INSULATION RESISTANCE: 5000 MOEGOHM MIN  
CONTACT RESISTANCE:  
CENTER CONTACT - INITIAL 3.0 MILLIOHM MAX, AFTER ENVIRONMENTAL 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 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-C-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 1  
VIBRATION: MIL-STD-202, METHOD 204, CONDITION D  
MOISTURE RESISTANCE: MIL-STD-202, METHOD 106



MOUNTING HOLE LAYOUT

8:1

#### CUSTOMER DRAWING

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

"μ STATION"

#### COMPANY CONFIDENTIAL

TOLERANCE UNLESS OTHERWISE SPECIFIED		DRAWN BY	DATE	JOHNSON®
DECIMALS	mm	SWC	9-9-98	
.XX		CHECKED BY	DATE	
.XXX +/- .003		SWC	11-2-98	
		APPROVED BY	DATE	
		TAK	11-6-98	
		APPROVED BY	DATE	
		RJB	11-9-98	
		RELEASE DATE	DATE	
			12-2-98	
CODE NO.		DRAWING NO.		C - 142-5701-201/210
SCALE	10:1	U/M INCH		
Sheet	2	of	2	

Chinch Connectivity Solutions  
299 Johnson Ave. Ste. 100  
West Seneca, NY 14224  
1-800-247-8258

# Mouser Electronics

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