

	ITEM ①		ITEM ②	ITEM ③	Ø.258 RECOMMENDED MOUNTING HOLE
PART NUMBER	BODY	COLOR	CONTACT	MOUNTING NUT	
105-0251-001	NYLON	WHITE	PHOSPHOR BRONZE SILVER PL .0001 MIN	BRASS NICKEL PL .0001 MIN	
105-0252-001		RED			
105-0253-001		BLACK			
105-0254-001		GREEN			
105-0255-001					
105-0256-001		ORANGE			
105-0257-001		YELLOW			
105-0258-001		BROWN			
105-0259-001					
105-0260-001		BLUE			
105-0261-001					
105-0262-001		VIOLET			
105-0263-001		GRAY			
105-0264-001					
105-0265-001					
105-0266-001					
105-0267-001					
105-0268-001					
105-0269-001					
105-0270-001					

NOTES:

SPECIFICATIONS:

ELECTRICAL:

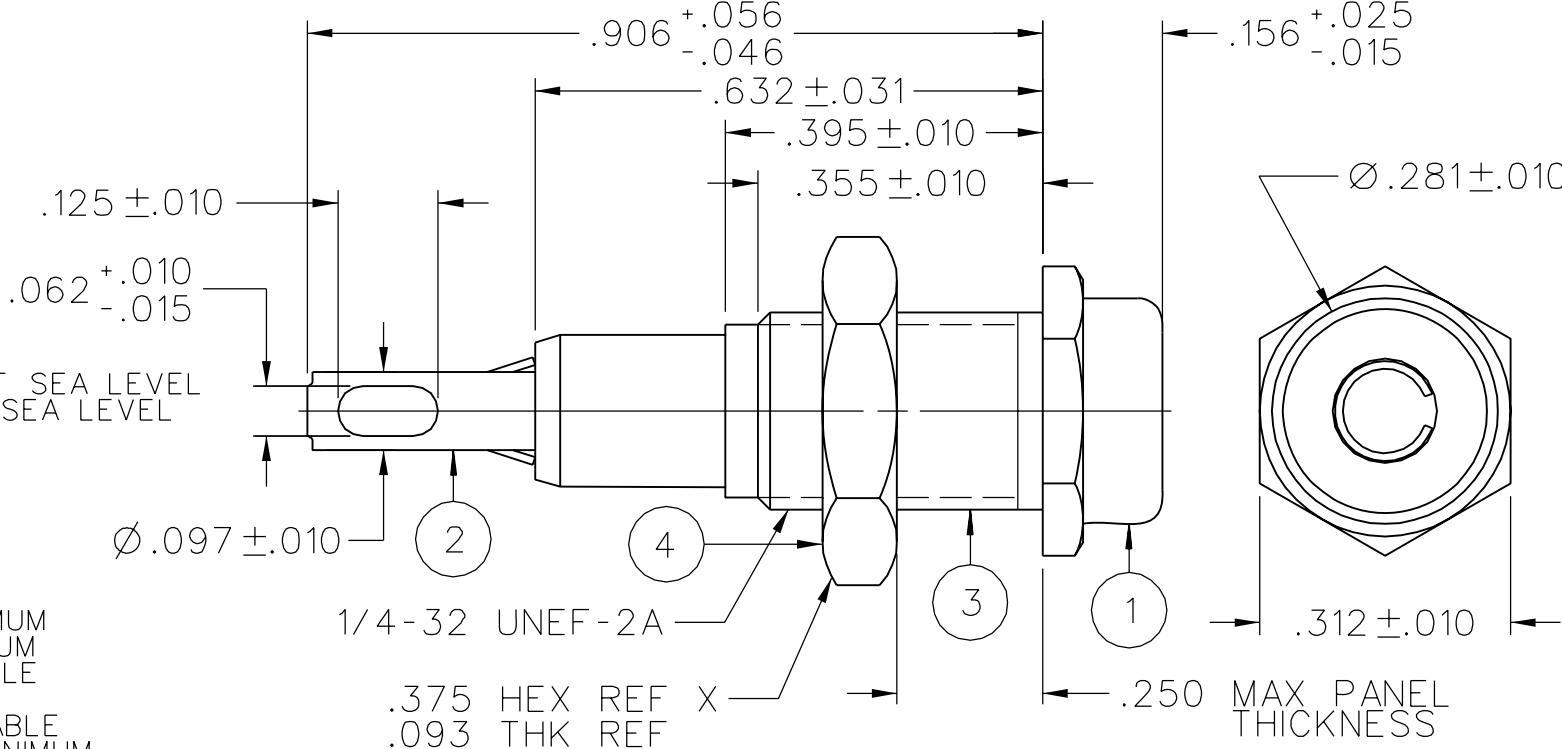
CURRENT RATING: 10 AMPS DC MINIMUM
DIELECTRIC WITHSTANDING VOLTAGE: 5700 VRMS MINIMUM AT SEA LEVEL
RECOMMENDED WORKING VOLTAGE: 1500 VRMS MAXIMUM AT SEA LEVEL
INSULATION RESISTANCE: 5000 MEGOHMS MINIMUM
CONTACT RESISTANCE: 10 MILLIOHMS MAXIMUM
CAPACITANCE: 2 PF NOMINAL

MECHANICAL:

INSERTION/WITHDRAWAL FORCE: .5 - 5.0 POUNDS
CONTACT RETENTION IN INSULATOR FORCE: 10 POUNDS MINIMUM
CONTACT RETENTION IN INSULATOR TORQUE: 12 IN OZ MINIMUM
INSULATOR RETENTION IN .062 PANEL FORCE: NOT APPLICABLE
INSULATOR RETENTION IN SLEEVE FORCE: NOT APPLICABLE
INSULATOR RETENTION IN .062 PANEL TORQUE: NOT APPLICABLE
PLASTIC MOUNTING THREAD STRIPPING TORQUE: 4 IN LBS MINIMUM
RESISTANCE TO TEST PROBE DAMAGE TORQUE: 2 IN LBS MINIMUM
MATING TIP PLUG DIAMETER: .080
DURABILITY: 1000 CYCLES MINIMUM

ENVIRONMENTAL:

(MEETS OR EXCEEDS THE APPLICABLE PARAGRAPH OF MIL-PRF-39024)
OPERATING TEMPERATURE: -55 DEG C TO 85 DEG C
TEMPERATURE RISE AT RATED CURRENT: 10 DEG C MAXIMUM
CORROSION: MIL-STD-1344, METHOD 1001, CONDITION B
SHOCK: MIL-STD-1344, METHOD 2004, CONDITION G
VIBRATION: MIL-STD-1344, METHOD 2005, CONDITION I
HUMIDITY: MIL-STD-1344, METHOD 1002, CONDITION B



TOLERANCE UNLESS OTHERWISE SPECIFIED

DECIMALSmm

.XX

.XXX REF

MATL

FINISH

DRAWN BY

RJB

CHECKED BY

APPROVED BY

RJB

RELEASE DATE

10-16-03

U/M

INCH

SCALE

4:1

DATE

12-16-02

DATE

DATE

10-16-03

10-16-03

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

TITLE
ASSEMBLY, .080 (2.0mm) TIP JACK,
INSULATED METAL CLAD PANEL
MOUNT, SOLDER TERMINAL

SHEET

DRAWING NO.

2 OF 2

B - 105-0251/0270-001

CUSTOMER DRAWING

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

"μSTATION"

COMPANY CONFIDENTIAL