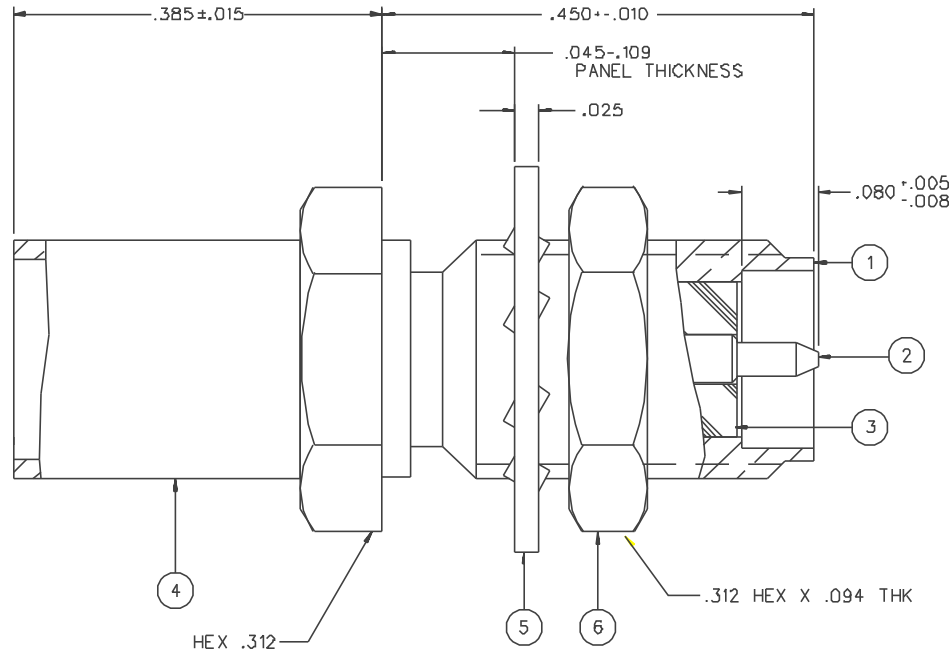


PART NUMBER	ITEM ① BODY	ITEM ② CONTACT	ITEM ③ INSULATOR	ITEM ④ CRIMP SLEEVE	ITEM ⑤ LOCKWASHER	ITEM ⑥ NUT
142-4307-401	BRASS GOLD PL .00001 MIN OVER NICKEL PL .00005 MIN OVER COPPER PL .00005 MIN	BRASS GOLD PL .00005 MIN OVER NICKEL PL .00005 MIN OVER COPPER PL .00005 MIN	TEFLON	COPPER GOLD PL .00001 MIN OVER NICKEL PL .00005 MIN OVER COPPER PL .00005 MIN	PHOSPHOR BRONZE 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
142-4307-406	BRASS NICKEL PL .0001 MIN OVER COPPER PL .00005 MIN	BRASS GOLD PL .00005 MIN OVER NICKEL PL .00005 MIN OVER COPPER PL .00005 MIN	TEFLON	COPPER NICKEL PL .0001 MIN OVER COPPER PL .00005 MIN	PHOSPHOR BRONZE NICKEL PL .0001 MIN OVER COPPER PL .00005 MIN	BRASS NICKEL PL .0001 MIN OVER COPPER PL .00005 MIN



NOTES:

1. SPECIFICATIONS:

IMPEDANCE: 50 OHMS
 FREQUENCY RANGE: 0-12.4 GHz
 VSWR: 1.17-.02 F MAX (F IN GHz)
 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
 BODY TO CABLE - 0.5 MILLIOHM MAX (GOLD PLATED)
 5.0 MILLIOHM MAX (NICKEL PLATED)

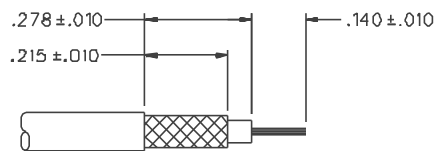
CORONA LEVEL: 250 VOLTS MIN AT 70,000 FEET
 INSERTION LOSS: .06 V/F MAX (F IN GHz) AT 6 GHz
 RF LEAKAGE: -60 DB MIN AT 2.5 GHz
 RF HIGH POTENTIAL WITHSTANDING VOLTAGE: 670 VRMS MIN AT 4 AND 7 MHz

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
 CABLE ACCEPTABILITY: RG 58/U, RG 141/U, RG 303/U
 CABLE HEX CRIMP SIZE: .213
 CONTACT CRIMP TOOL: MIL M22520/1-01
 CABLE RETENTION: 40 LBS MIN AXIAL FORCE
 DURABILITY: 500 CYCLES MIN

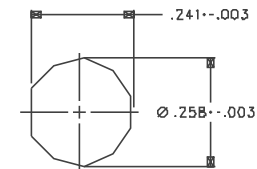
ENVIRONMENTAL:

(MEETS OR EXCEEDS THE APPLICABLE PARAGRAPH OF MIL-C-39012)
 THERMAL SHOCK: MIL-STD-202, METHOD 107, CONDITION B, EXCEPT B5° 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



CABLE STRIP DIMENSIONS

4:1



MOUNTING HOLE

4:1

DRAWING NO. C - 142-4307-401/410	
0 REVISIONS	
ENGINEERING RELEASE	
1	10-2-98 R H S I T N P 12-2-98 ECN 45972
CHANGED: VSWR 1.17-.02 F WAS 1.15-.012 F	
1a	10-2-98 R H S I T N P 12-2-98 ECN 46619
PHOSPHOR BRONZE WAS BRASS .109 WAS .125 .025 WAS .032 .094 WAS .062	
ADDED: LOCL, UPDATED VIEWS	
2	6-5-01 R H S I T N P 12-2-98 ECN 46035
THICKWALL STEM TIP UPDATE.	
* REVISION NUMBER FOLLOWED BY AN ALPHA *	
* CHARACTER INDICATES DRAWING CLARIF. *	
* CATION OR PART NUMBER ADDITION ONLY. *	
2a	2-13-02 R H S I T N P 12-2-98 ECN 48250

CUSTOMER DRAWING

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

"μSTATION"

COMPANY CONFIDENTIAL

TOLERANCE UNLESS OTHERWISE SPECIFIED	DRAWN BY SWC	DATE 6-18-98	JOHNSON Cinch Connectivity Solutions 299 Johnson Ave. Ste. 100 Worcester, MA 01603 1-800-247-8256	
DECIMALS .XX	CHECKED BY SWC	DATE 11-2-98	TITLE JACK ASSEMBLY, STRAIGHT CABLED BULKHEAD, REVERSE POLARITY SMA, RG 58	
REF	APPROVED BY TAK	DATE 11-6-98	CODE NO.	DRAWING NO. C - 142-4307-401/410
MATL	APPROVED BY RJB	DATE 11-12-98	SCALE 10:1	W/M INCH
FINISH	RELEASE DATE	12-2-98	SHEET 2	OF 2