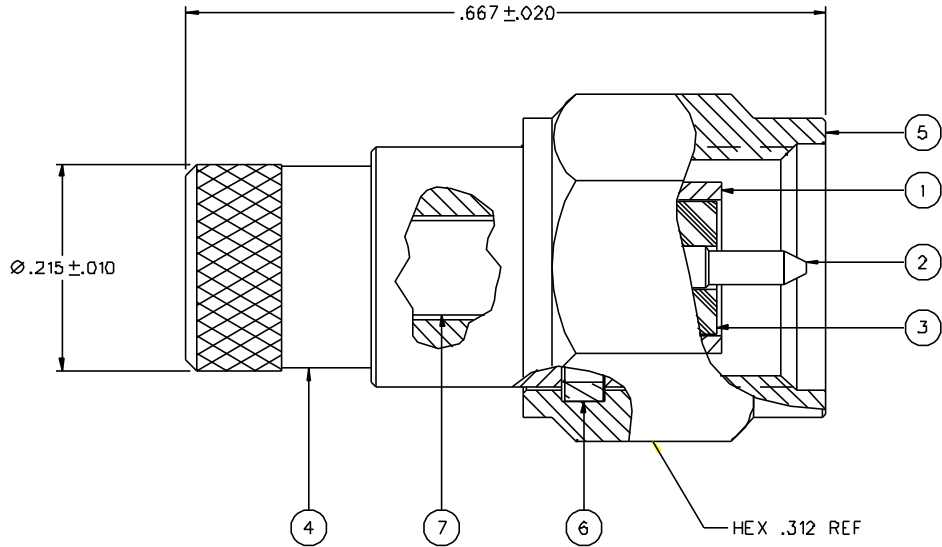


PART NUMBER	ITEM ① BODY	ITEM ② CONTACT	ITEM ③ INSULATOR	ITEM ④ END CAP	ITEM ⑤ COUPLING NUT	ITEM ⑥ RETENTION SPRING	ITEM ⑦ RESISTOR
142-0801-B61	BRASS GOLD PL .00001 MIN OVER NICKEL PL .00005 MIN OVER COPPER PL .00005 MIN	BRASS GOLD PL .00005 MIN OVER NICKEL PL .00005 MIN OVER COPPER PL .00005 MIN	TEFLON	BERYLLIUM COPPER 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	BERYLLIUM COPPER UNPLATED	50 OHM +-1%
142-0801-B66	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	BERYLLIUM COPPER NICKEL PL .0001 MIN OVER COPPER PL .00005 MIN	BRASS NICKEL PL .0001 MIN OVER COPPER PL .00005 MIN	BERYLLIUM COPPER UNPLATED	50 OHM +-1%



NOTES:

1. SPECIFICATIONS:

RESISTANCE: 50+-5% OHMS
 FREQUENCY RANGE: 0-2 GHz
 VSWR: NOT SPECIFIED
 MAXIMUM POWER: 0.5 WATT TO 25°C, DERATED TO 0.25 WATT AT -125°C

MECHANICAL:

ENGAGE/DISENGAGE TORQUE: 2 INCH-POUNDS MAX
 MATING TORQUE: 7-10 INCH POUNDS
 COUPLING PROOF TORQUE: 15 INCH-POUNDS MIN
 COUPLING NUT RETENTION: 60 LBS MIN
 CONTACT RETENTION: 4 LBS MIN AXIAL FORCE
 DURABILITY: 500 CYCLES MIN

ENVIRONMENTAL:

OPERATING TEMPERATURE: -65°C TO +125°C

DRAWING NO. C - 142-0801-861/870	
0	REVISIONS
ENGINEERING RELEASE	
1	5-2-00 R H J K ECN 47055

CUSTOMER DRAWING

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

"μSTATION"

COMPANY CONFIDENTIAL

TOLERANCE UNLESS OTHERWISE SPECIFIED		DRAWN BY JRK	DATE 3-20-00	 Cinch Connectivity Solutions 299 Johnson Ave. Ste. 100 Worcester, MA 01603 1-800-247-8256	
DECIMALS .XX	mm	CHECKED BY JRK	DATE 5-3-00	TITLE PLUG ASSEMBLY, DUMMY LOAD, 50 OHM SMA	
.XXX +-.003		APPROVED BY RJB	DATE 5-3-00		
MATL		APPROVED BY	DATE	CODE NO.	DRAWING NO. C - 142-0801-861/870
FINISH		RELEASE DATE		SCALE 10:1	U/M INCH SHEET 2 OF 2