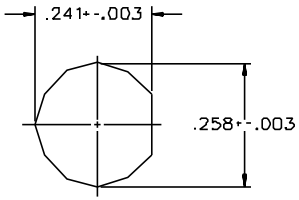
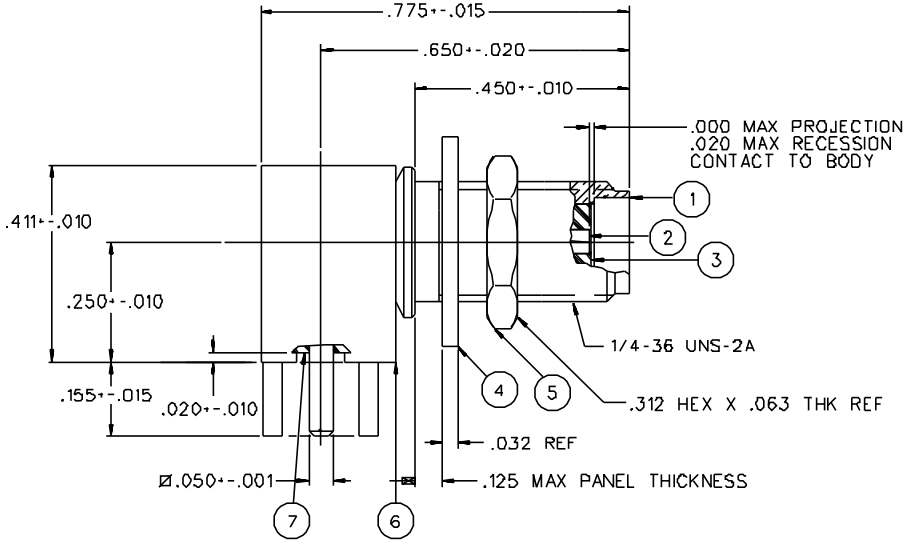
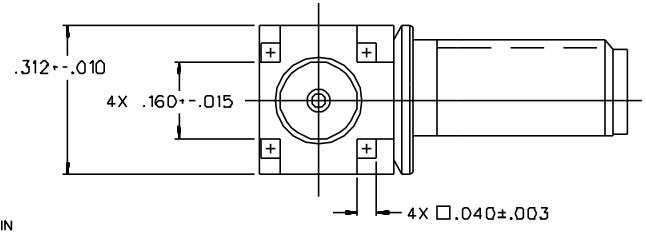
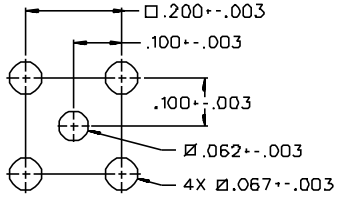
PART NUMBER	ITEM (1) BODY	ITEM (2) CONTACT (ONE PIECE)	ITEM (3) INSULATOR	ITEM (4) WASHER	ITEM (5) NUT	ITEM (6) BASE	ITEM (7) INSULATOR
142-0701-501	BRASS GOLD PL .00001 MIN OVER NICKEL PL .0001 MIN OVER COPPER PL .00005 MIN	BERYLLIUM COPPER GOLD PL .00003 MIN OVER NICKEL PL .00005 MIN OVER COPPER PL .00005 MIN	TEFLON	BRASS GOLD PL .00001 MIN OVER NICKEL PL .0001 MIN OVER COPPER PL .00005 MIN	BRASS GOLD PL .00001 MIN OVER NICKEL PL .0001 MIN OVER COPPER PL .00005 MIN	BRASS GOLD PL .00001 MIN OVER NICKEL PL .0001 MIN OVER COPPER PL .00005 MIN	TEFLON
142-0701-502	BRASS GOLD PL .00001 MIN OVER 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 GOLD PL .00001 MIN OVER NICKEL PL .0001 MIN OVER COPPER PL .00005 MIN	TEFLON
142-0701-506	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	BRASS NICKEL PL .0001 MIN OVER COPPER PL .00005 MIN	TEFLON



MOUNTING HOLE







MOUNTING HOLE LAYOUT

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 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
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 AT 4 AND 7 MHZ MIN

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: 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 I
VIBRATION: MIL-STD-202, METHOD 204, CONDITION D
MOISTURE RESISTANCE: MIL STD 202, METHOD 106

DRAWING NO.
C - 142-0701-501/510

0	REVISIONS								
WAS P/N 030-3362-579 ENGINEERING RELEASE									
01	03-15-89	E J	R J B	A A W				04-12-89 ECO 23895	
VERSION UPDATE.									
02	09-14-89	E J	J C N	R J K	A A W			09-19-89 ECO 24146	
VERSION UPDATE.									
03	09-14-89	E J	J C N	T A K	A A W			10-25-89 ECO 24177	
VERSION UPDATE.									
4	9-6-91	R H	[x] A A	[x] A B	[x] C W	[x] B M		10-11-91 ECO 40551	
CHANGED: .775+-.015 WAS .837+-.015, .312+-.010 WAS DIA .375+-.010, 4X □.040+-.003 WAS 4X .040+-.003. RF HIGH POT 4 AND 7 MHZ WAS 5 MHZ									
5	9-29-92	R H	[x]	[x]	[x]	[x]		10-6-92 ECO 41206	
CHANGED: .411+-.010 WAS .406+-.010									
6	9-14-94	R H	R J B	P A A				9-27-94 ECN 46271	
ADDED: P/N 142-0701-502									
* REVISION NUMBER FOLLOWED BY AN ALPHA * CHARACTER INDICATES DRAWING CLARIFI- CATION OR PART NUMBER ADDITION ONLY. *									
6a	2-17-97	R H	[x] R					ECN 44649	

CUSTOMER DRAWING

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

"μSTATION"

COMPANY CONFIDENTIAL

TOLERANCE UNLESS OTHERWISE SPECIFIED		DRAWN BY	DATE
DECIMALS	mm	Bedney	3-1-89
.XX ———	———	CHECKED BY	DATE
.XXX ———	———		
MATL ———		APPROVED BY RJB	DATE 3-15-89
FINISH ———		APPROVED BY	DATE
		RELEASE DATE	10-25-89

JOHNSON® Cinch Connectivity Solutions 299 Johnson Ave. Ste. 100 Waseca, MN 56093 1-800-247-8256

TITLE: JACK ASSEMBLY, RA PC MOUNT BULKHEAD SMA

CODE NO. | DRAWING NO. C - 142-0701-501 510

SCALE 5:1 | U/M INCH | SHEET 2 OF 2

Unikeyic Electronics

Global Electronic Components Distributor

Click to view pricing, inventory, delivery, and lifecycle information:

Cinch:

12-141 415-0536-012 CN0967C10A20P6-040 135-3402-001 415-0030-MM150 415-0203-024 108-0913-001 21-14-M5.0 30-9516 M49142/03-0005 142-0403-011 30-9506-88 40-98443N-C 8-141 CJ70-7 145-0701-821 147-0701-832 40-9715HM 415-0028-048 DEUH-9P M24308/4-5F 111-0102-001 131-3701-306 145-0693-002 ATT-0263-04-SMA-02 147-0701-241 415-0043-MM250 CN1021A14G03P8-040 C0909A18-11PN-106 DD2466134