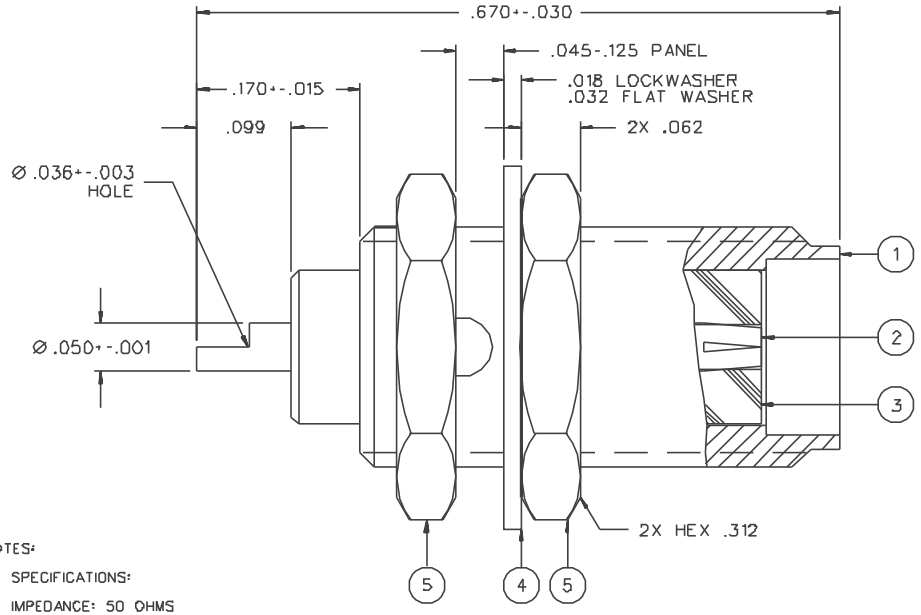
PART NUMBER	ITEM ① BODY	ITEM ② CONTACT	ITEM ③ INSULATOR	ITEM ④ WASHER	ITEM ⑤ NUT
142-D7D1-411	BRASS GOLD PL .00001 MIN OVER NICKEL PL .DDDD5 MIN OVER COPPER PL .00005 MIN	BERYLLIUM COPPER GOLD PL .00003 MIN OVER NICKEL PL .DDDD5 MIN OVER COPPER PL .00005 MIN	TEFLON	BRASS (FLAT WASHER) GOLD PL .DDDD1 MIN OVER NICKEL PL .00005 MIN OVER COPPER PL .00005 MIN	BRASS GOLD PL .DDDD1 MIN OVER NICKEL PL .00005 MIN OVER COPPER PL .00005 MIN
142-D7D1-412	BRASS GOLD PL .00001 MIN OVER NICKEL PL .DDDD5 MIN OVER COPPER PL .00005 MIN	BERYLLIUM COPPER GOLD PL .00003 MIN OVER NICKEL PL .DDDD5 MIN OVER COPPER PL .00005 MIN	TEFLON	NONE	NONE
142-D7D1-413	BRASS GOLD PL .00001 MIN OVER NICKEL PL .DDDD5 MIN OVER COPPER PL .00005 MIN	BERYLLIUM COPPER GOLD PL .00003 MIN OVER NICKEL PL .DDDD5 MIN OVER COPPER PL .00005 MIN	TEFLON	BRONZE (LOCKWASHER) GOLD PL .DDDD1 MIN OVER NICKEL PL .00005 MIN OVER COPPER PL .00005 MIN	BRASS GOLD PL .DDDD1 MIN OVER NICKEL PL .00005 MIN OVER COPPER PL .00005 MIN
142-D7D1-416	BRASS NICKEL PL .DDD1 MIN OVER COPPER PL .00005 MIN	BERYLLIUM COPPER GOLD PL .00003 MIN OVER NICKEL PL .DDDD5 MIN OVER COPPER PL .00005 MIN	TEFLON	BRASS (FLAT WASHER) NICKEL PL .0001 MIN OVER COPPER PL .00005 MIN	BRASS NICKEL PL .0001 MIN OVER COPPER PL .00005 MIN



NOTES:

1. SPECIFICATIONS:

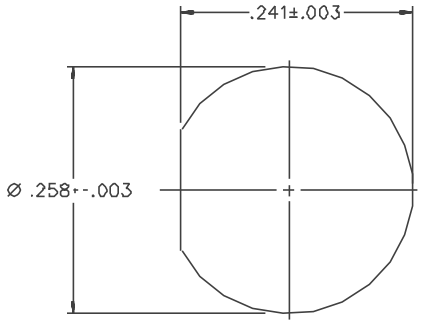
IMPEDANCE: 50 OHMS
FREQUENCY RANGE: 0-18 GHz
VSWR: NOT APPLICABLE
WORKING VOLTAGE: 335 VRMS MAX AT SEA LEVEL
DIELECTRIC WITHSTANDING VOLTAGE: 1000 VRMS MIN AT SEA LEVEL
INSULATION RESISTANCE: 5000 MEGOHM MIN
CONTACT RESISTANCE:
CENTER CONTACT - INITIAL 3.0 MILLIOHM MAX, AFTER ENVIRONMENTAL 4.0 MILLIOHM MAX
OUTER CONDUCTOR - INITIAL 2.0 MILLIOHM MAX AFTER ENVIRONMENTAL NOT APPLICABLE
BODY TO CABLE - 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, EXCEPT 200° 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



MOUNTING HOLE

DRAWING NO. C - 142-0701-411/420

0	REVISIONS		
	ENGINEERING RELEASE		
01	05-08-90 EJ RJW		5-21-90 ECO 24587
	ADDED: DIA .036+-.003 HOLE. CHANGED: UPDATED GRAPHICS.		
2	7-16-90		
	ADDED: .241+-.003. CHANGED: UPDATED GRAPHICS.		
3	9-4-90		
	ADDED: 142-0701-412		
3a	8-24-94 RH		8-29-94 ECN 42834
	ADDED: P/N 142-0701-413		
3b	7-10-95 RH		7-13-95 ECN 43507
	VERSION UPDATE * REVISION NUMBER FOLLOWED BY AN ALPHA * CHARACTER INDICATES DRAWING CLARIFICATION OR PART NUMBER ADDITION ONLY. *		
3c	9-24-97 RH		ECN 44994

CUSTOMER DRAWING

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

"μSTATION"

COMPANY CONFIDENTIAL

TOLERANCE UNLESS OTHERWISE SPECIFIED DECIMALS mm .XX —— .XXX REF —— MATL FINISH	DRAWN BY EJ	DATE 2-28-90	JOHNSON a cinch connectivity solutions brand Cinch Connectivity Solutions 299 Johnson Ave. Ste. 100 Waseca, MN 56093 1-800-247-8256
	CHECKED BY	DATE	TITLE JACK ASSEMBLY, FRONT OR REAR MOUNT BKHD SMA
	APPROVED BY	DATE	
	APPROVED BY RJB	DATE 5-8-90	CODE NO. / DRAWING NO. C - 142-0701-411/420
	RELEASE DATE	5-21-90	SCALE 10:1 / U/M INCH / SHEET 2 OF 2

Please read our datasheet & drawing disclaimer here.