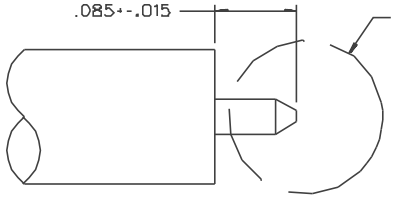
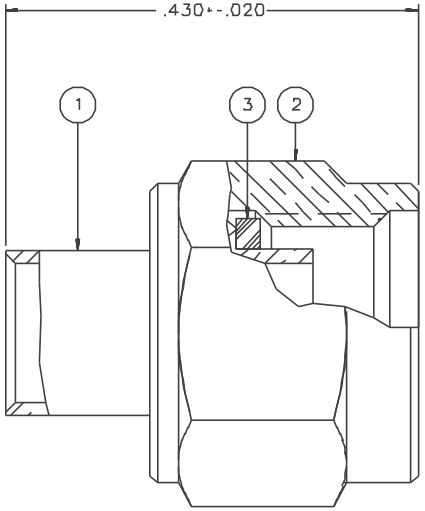
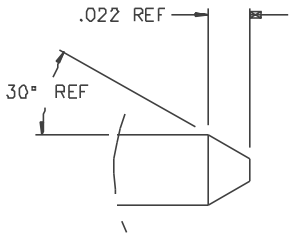
PART NUMBER	ITEM ① BODY	ITEM ② NUT	ITEM ③ GASKET
142-0694-011	BRASS GOLD PL .00001 MIN OVER NICKEL PL .00005 MIN OVER COPPER PL .00005 MIN	BRASS GOLD PL .00001 MIN OVER NICKEL PL .00005 MIN OVER COPPER PL .00005 MIN	NONE
142-0694-013	BRASS GOLD PL .00001 MIN OVER NICKEL PL .00005 MIN OVER COPPER PL .00005 MIN	BRASS GOLD PL .00001 MIN OVER NICKEL PL .00005 MIN OVER COPPER PL .00005 MIN	SILICONE RUBBER
142-0694-016	BRASS NICKEL PL .0001 MIN OVER COPPER PL .00005 MIN	BRASS NICKEL PL .0001 MIN OVER COPPER PL .00005 MIN	NONE
142-0694-017	BRASS NICKEL PL .0001 MIN OVER COPPER PL .00005 MIN	BRASS NICKEL PL .0001 MIN OVER COPPER PL .00005 MIN	SILICONE RUBBER



CABLE STRIP DIMENSIONS





DETAIL "A"
20:1

NOTES:

1. SPECIFICATIONS:

IMPEDANCE: 50 OHMS
FREQUENCY RANGE: 0-18 GHZ
VSWR: 1.035+.005F MAX (F IN GHZ)

WORKING VOLTAGE: 335 VRMS MAX AT SEA LEVEL
DIELECTRIC WITHSTANDING VOLTAGE: NOT APPLICABLE
INSULATION RESISTANCE: NOT APPLICABLE
CONTACT RESISTANCE:
CENTER CONTACT - INITIAL NOT APPLICABLE
AFTER ENVIRONMENTAL NOT APPLICABLE
OUTER CONDUCTOR - INITIAL 2.0 MILLIOHM MAX
AFTER ENVIRONMENTAL NOT APPLICABLE
BODY TO CABLE - 0.5 MILLIOHM MAX
CORONA LEVEL: 250 VOLTS MIN AT 70,000 FEET
INSERTION LOSS: .03√F MAX (F IN GHZ) AT 15.5 TO 18 GHZ
RF LEAKAGE: -60 DB MIN AT 2 TO 3 GHZ
RF HIGH POTENTIAL WITHSTANDING VOLTAGE: 670 VRMS MIN AT 5 TO 7.5 MHZ

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: NOT APPLICABLE
CABLE ACCEPTABILITY: RG 402, DIA .141 SEMI RIGID
CABLE HEX CRIMP SIZE: NOT APPLICABLE
CABLE RETENTION: 60 LBS MIN AXIAL FORCE
55 INCH-OUNCE MIN TORQUE
DURABILITY: 100 CYCLES MIN

ENVIRONMENTAL:

(MEETS OR EXCEEDS THE APPLICABLE PARAGRAPH OF MIL-C-39012)
THERMAL SHOCK: MIL-STD-202, METHOD 107, CONDITION B, EXCEPT 115 DEG 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

DRAWING NO. C - 142-0694-011/020

0	REVISIONS			
	ENGINEERING RELEASE			
01	11-22-88	EJ RJB TAK AW		12-01-88 ECO 23720
	ADDED: .430+-.020, .321+-.010.			
02	04-10-89	EJ RJB TAK AW		4-12-89 ECO 23943
	CHANGED: 335 VRMS WAS 500 VRMS, 250 VOLTS WAS 375 VOLTS, -60 DB WAS -90 DB, 670 VRMS WAS 1000 VRMS, 100 CYCLES WAS 500 CYCLES. ADDED: "AT 15.5 TO 18 GHZ", "60 LBS MIN", "EXCEPT 115 DEG C HIGH TEMP", "MOISTURE RESISTANCE: MIL-STD-202, METHOD 106" DELETED: .321+-.010			
03	11-19-90	RH RJB TAK		11-26-90 ECO 24975
	ADDED: P/N'S 142-0694-013 AND 142-0694-017, ITEM 3			
	* REVISION NUMBER FOLLOWED BY AN ALPHA * CHARACTER INDICATES DRAWING CLARIFI- * CATION OR PART NUMBER ADDITION ONLY. *			
3a	10-21-99	RH RJB		ECN 46782

CUSTOMER DRAWING

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

"μSTATION"

COMPANY CONFIDENTIAL

TOLERANCE UNLESS OTHERWISE SPECIFIED DECIMALS .XX ± .01 mm .XXX ± .005 MATL FINISH	DRAWN BY EJ	DATE 3-10-87	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: PLUG ASSEMBLY, STRAIGHT CABLED THREAD ON NUT SMA, RG 402
	APPROVED BY TAK	DATE 11-22-88	
	APPROVED BY RJB	DATE 11-28-88	CODE NO. / DRAWING NO. C - 142-0694-011/020
	RELEASE DATE 12-1-88		SCALE 10:1 / U/M INCH / SHEET 2 OF 2

Please read our datasheet & drawing disclaimer here.