PART NUMBER	ITEM ① FRONT BODY	ITEM ② CONTACT	ITEM ③ INSULATOR	ITEM ④ MAIN BODY
133-8901-801	BERYLLIUM COPPER GOLD PL .00001 MIN OVER NICKEL PL .00005 MIN OVER COPPER PL .DDDD5 MIN	BERYLLIUM COPPER GOLD PL .00005 MIN OVER NICKEL PL .DDDD5 MIN OVER COPPER PL .00005 MIN	TEFLON	BRASS GOLD PL .DDDD1 MIN OVER NICKEL PL .00005 MIN OVER COPPER PL .00005 MIN

DRAWING NO.
C - 133-8901-801/810

0	REVISIONS

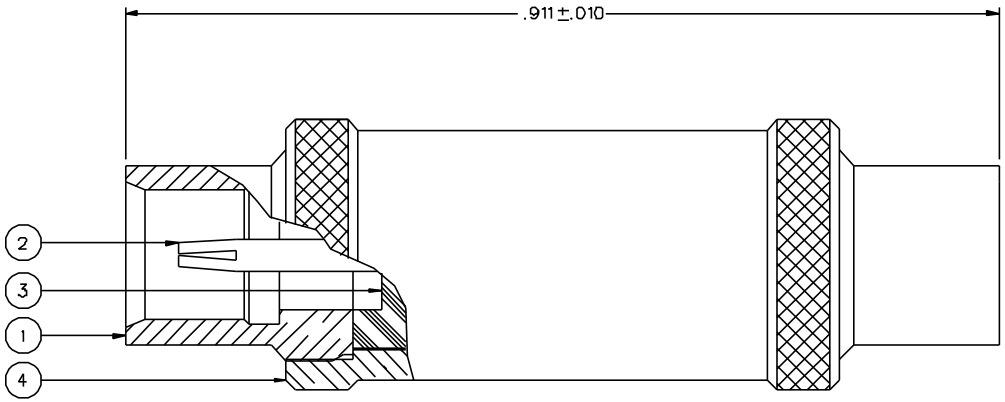
ENGINEERING RELEASE

1	1-4-00	RH ☒	JI ☒	RJ ☒	1-24-DD ECN 46856

CHANGED: .911+-.010 WAS .927+-.010. 1.0 LB MIN/8.0 LBS MAX DISENGAGEMENT WAS 3.0 LBS TYP, 1.0 LBS MIN DISENGAGEMENT, 2.3 LBS MIN AXIAL FORCE WAS 4 LBS.

* REVISION NUMBER FOLLOWED BY AN ALPHA * CHARACTER INDICATES DRAWING CLARIFI- * CATION OR PART NUMBER ADDITION ONLY. *

1a	7-26-01	RH ☒	IA ☒	RJ ☒	ECN 47571



NOTES:

1. SPECIFICATIONS:

IMPEDENCE: 75 OHMS
FREQUENCY RANGE: 0-6 GHz
VSWR: 1.07+.03 F MAX (F IN GHz)
WORKING VOLTAGE: 335 VRMS MAX AT SEA LEVEL
DIELECTRIC WITHSTANDING VOLTAGE: 1000 VRMS MIN AT SEA LEVEL
INSULATION RESISTANCE: 1000 MEGOHM MIN
CONTACT RESISTANCE:
CENTER CONTACT - INITIAL 5 MILLIOHM MAX, AFTER ENVIRONMENTAL 8 MILLIOHM MAX
OUTER CONDUCTOR - INITIAL 1.0 MILLIOHM MAX, AFTER ENVIRONMENTAL 1.5 MILLIOHM MAX
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: 600 VRMS MIN AT 4 AND 7 MHz

MECHANICAL:

ENGAGE/DISENGAGE FORCE: 5.6 LBS MAX ENGAGEMENT
1.0 LB MIN DISENGAGEMENT
8.0 LBS MAX DISENGAGEMENT
MATING TORQUE: NOT APPLICABLE
COUPLING PROOF TORQUE: NOT APPLICABLE
COUPLING NUT RETENTION: NOT APPLICABLE
CONTACT RETENTION: 2.3 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°C TO +165°C
CORROSION: MIL-STD-202, METHOD 101, CONDITION B
SHOCK: MIL-STD-202, METHOD 213, CONDITION B
VIBRATION: MIL-STD-202, METHOD 204, CONDITION B
MOISTURE RESISTANCE: MIL-STD-202, METHOD 106

CUSTOMER DRAWING

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

"μSTATION"

COMPANY CONFIDENTIAL

TOLERANCE UNLESS OTHERWISE SPECIFIED DECIMALS / mm .XX ——— ——— .XXX ——— ——— MATL FINISH	DRAWN BY JRK	DATE 8-27-99	JOHNSON a cinch connectivity solutions brand Cinch Connectivity Solutions 299 Johnson Ave, Ste. 100 Waseca, MN 56093 1-800-247-8256
	CHECKED BY JRK	DATE 1-7-00	TITLE: ASSEMBLY, ADAPTER, 75 OHM MCX JACK TO JACK
	APPROVED BY RJB	DATE 1-10-00	CODE NO. / DRAWING NO. C - 133-8901-801/810
	APPROVED BY	DATE	SCALE 10:1 / U/M INCH / SHEET 2 OF 2
	RELEASE DATE 1-24-00		