PART NUMBER	ITEM ① BODY	ITEM ② CONTACT	ITEM ③ INSULATOR	ITEM ④ CRIMP SLEEVE
133-3303-001	BRASS GOLD PL .00001 MIN OVER NICKEL PL .00005 MIN OVER COPPER PL .00005 MIN	BERYLLIUM COPPER GOLD PL .00003 MIN OVER NICKEL PL .00005 MIN OVER COPPER PL .00005 MIN	TEFLON	COPPER GOLD PL .00001 MIN OVER NICKEL PL .00005 MIN OVER COPPER PL .00005 MIN
131-3303-006	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	COPPER NICKEL PL .0001 MIN OVER COPPER PL .00005 MIN

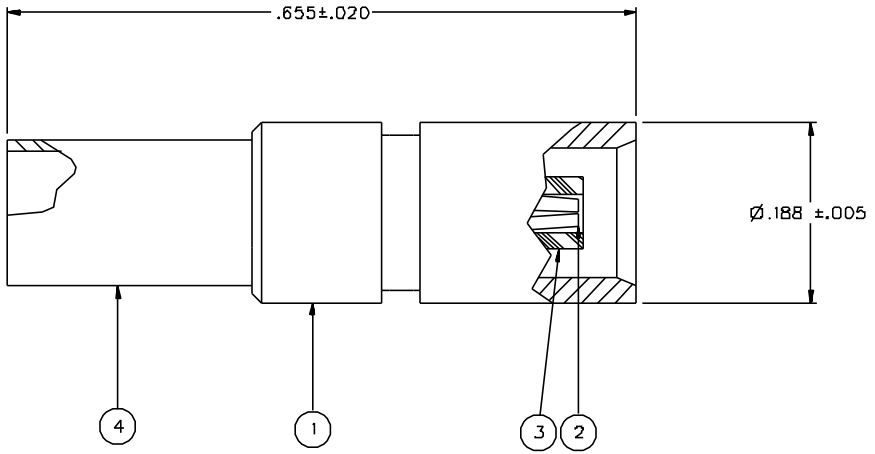
DRAWING NO.
C - 133-3303-001/010

0	REVISIONS					
ENGINEERING RELEASE						
1	11-15-95	RH	C	R	A	ECN 43765

RF LEAKAGE -55 dB WAS -70,
5.6 LBS MAX ENGAGE WAS 3.4 LBS,
1.0 / 8.0 LBS DISENGAGE WAS
2.25 / 4.5, CONTACT RETENTION
2.3 LBS WAS 4.0

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

1a	12-15-00	RK	R	V	B	ECN 47528



NOTES:

1. SPECIFICATIONS:

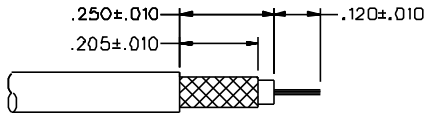
IMPEDANCE: 50 OHMS
FREQUENCY RANGE: 0-6 GHz
VSWR: 1.13+.04F MAX (F IN GHz)
WORKING VOLTAGE: 335 VRMS MAX AT SEA LEVEL
DIELECTRIC WITHSTANDING VOLTAGE: 1000 VRMS MIN AT SEA LEVEL
INSULATION RESISTANCE: 10000 MEGOHM MIN
CONTACT RESISTANCE:
CENTER CONTACT - INITIAL 5 MILLIOHM MAX, AFTER ENVIRONMENTAL 8 MILLIOHM MAX
OUTER CONDUCTOR - GOLD PLATED INITIAL 1 MILLIOHM MAX, AFTER ENVIRONMENTAL 1.5 MILLIOHM MAX
NICKEL PLATED INITIAL 2.5 MILLIOHM MAX, AFTER ENVIRONMENTAL 3.5 MILLIOHM MAX
BODY TO CABLE - GOLD PLATED INITIAL 1 MILLIOHM MAX, AFTER ENVIRONMENTAL NOT APPLICABLE
NICKEL PLATED INITIAL 2.5 MILLIOHMS MAX, AFTER ENVIRONMENTAL NOT APPLICABLE
CORONA LEVEL: 250 VOLTS MINIMUM AT 70,000 FEET
INSERTION LOSS: .1 DB MAX AT 1 GHz
RF LEAKAGE: -55 DB AT 2.5 GHz
RF HIGH POTENTIAL WITHSTANDING VOLTAGE: 700 VRMS AT 4 AND 7 MHz

MECHANICAL:

ENGAGE/DISENGAGE FORCE: 5.6 LBS MAX ENGAGEMENT
1.0 LB MIN DISENGAGEMENT
8.0 LBS MAX DISENGAGEMENT
CONTACT RETENTION FORCE: 2.3 LBS MIN
CONTACT RETENTION TORQUE: NOT APPLICABLE
COUPLING MECHANISM RETENTION: NOT APPLICABLE
CABLE ACCEPTABILITY: RG 188/U, RG 316/U, RG 161/U, RG 174/U, RG 179/U, RG 187/U
CABLE HEX CRIMP SIZE: .128
CABLE RETENTION: 20 LBS MIN AXIAL FORCE
DURABILITY: 500 CYCLES MIN

ENVIRONMENTAL:

(MEETS OR EXCEEDS THE APPLICABLE PARAGRAPH OF MIL-C-39012)
THERMAL SHOCK: MIL-STD-202, METHOD 107, CONDITION F
OPERATING TEMPERATURE: -65 DEG C TO 165 DEG 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



CABLE STRIP DIMENSIONS

4:1

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	SWC	B-16-95
.XX ———	———	CHECKED BY	DATE
.XXX+-.003	———	SWC	11-16-95
MATL ———		APPROVED BY	DATE
		TAK	12-29-95
FINISH ———		APPROVED BY	DATE
		RJB	1-3-96
		RELEASE DATE	1-3-96

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

TITLE
JACK ASSEMBLY
STRAIGHT CABLED, RG 316
MCX

CODE NO.	DRAWING NO.
	C - 133-3303-001/010

SCALE 10:1	U/M INCH	SHEET 2 OF 2

Please read our datasheet & drawing disclaimer here.