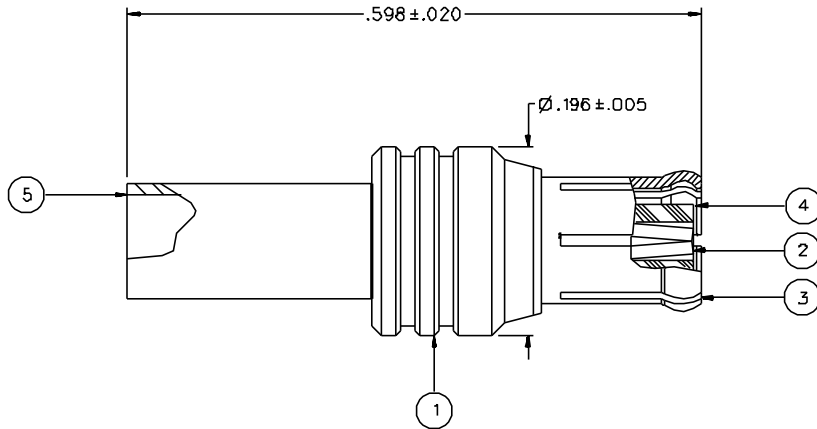


PART NUMBER	ITEM ① BODY	ITEM ② CONTACT	ITEM ③ INTERFACE	ITEM ④ INSULATOR	ITEM ⑤ CRIMP SLEEVE
133-5402-001	BRASS GOLD PL .00001 MIN OVER NICKEL PL .00005 MIN OVER COPPER PL .00005 MIN	BERYLLIUM COPPER GOLD PL .00003 MIN OVER NICKEL PL .00005 MIN OVER COPPER PL .00005 MIN	BERYLLIUM COPPER GOLD PL .00003 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
131-5402-006	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	BERYLLIUM COPPER NICKEL PL .0001 MIN OVER COPPER PL .00005 MIN	TEFLON	COPPER NICKEL PL .0001 MIN OVER COPPER PL .00005 MIN

DRAWING NO. C - 133-5402-001/010	
0	REVISIONS
ENGINEERING RELEASE	
1	10-23-98 R H S I T R P 11-11-98 ECN 45906
CHANGED: -55 DB RF LEAK WAS -70 DB, 5.6 LBS MAX ENGAGE WAS 3.4 LBS, 1.0/8.0 LBS MIN/MAX DISENGAGE WAS 5 LBS TYPICAL	
* REVISION NUMBER FOLLOWED BY AN ALPHA * * CHARACTER INDICATES DRAWING CLASS * * CATION OR PART NUMBER ADDITION ONLY *	
10	10-12-00 R H S I T R ECN 47344



NOTES:

1. SPECIFICATIONS:

IMPEDANCE: 50 OHMS
 FREQUENCY RANGE: 0-6 GHz
 VSWR: 1.17+.04F MAX (F IN GHz)
 WORKING VOLTAGE: 250 VRMS MAX AT SEA LEVEL
 DIELECTRIC WITHSTANDING VOLTAGE: 750 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: 190 VOLTS MINIMUM AT 70,000 FEET
 INSERTION LOSS: .1DB MAX AT 1 GHz
 RF LEAKAGE: -55 DB AT 2.5 GHz
 RF HIGH POTENTIAL WITHSTANDING VOLTAGE: 500 VRMS AT 4 AND 7 MHZ

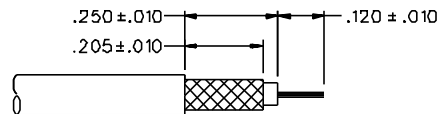
MECHANICAL:

ENGAGE/DISENGAGE FORCE: 5.6 LBS MAX ENGAGEMENT
 1.0/8.0 LBS MIN/MAX DISENGAGEMENT

CONTACT RETENTION FORCE: NOT APPLICABLE
 CONTACT RETENTION TORQUE: NOT APPLICABLE
 COUPLING MECHANISM RETENTION: NOT APPLICABLE
 CABLE ACCEPTABILITY: RG 17B/U, RG 196/U
 CABLE HEX CRIMP SIZE: .105
 CABLE RETENTION: 10 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 - 198Z

"µSTATION"

COMPANY CONFIDENTIAL

TOLERANCE UNLESS OTHERWISE SPECIFIED	DRAWN BY RSH	DATE 10-23-98	 Cinch Connectivity Solutions P.O. Box 1732 Waukesha, WI 53093 1-800-247-8256	
DECIMALS .XX	CHECKED BY SWC	DATE 10-23-98	TITLE PLUG ASSEMBLY STRAIGHT CABLED MCX REVERSE POLARITY, RG 178	
.XXX	APPROVED BY TAK	DATE 10-23-98	CODE NO.	DRAWING NO.
MATL	APPROVED BY RJB	DATE 10-26-98	C - 133-5402-001/010	
FINISH	RELEASE DATE	11-11-98	SCALE 10:1	U/M INCH SHEET 2 OF 2