

Excellent Integrated System Limited

Stocking Distributor

Click to view price, real time Inventory, Delivery & Lifecycle Information:

[Bel Fuse Inc.](#)
[133-9404-104](#)

For any questions, you can email us directly:
sales@integrated-circuit.com

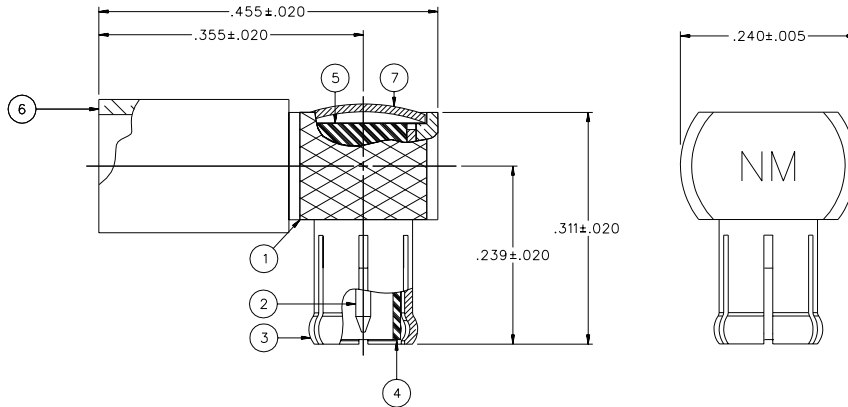


Distributor of Bel Fuse Inc.: Excellent Integrated System Limited

Datasheet of 133-9404-104 - CONN MCX PLUG R/A 50 OHM SOLDER

Contact us: sales@integrated-circuit.com Website: www.integrated-circuit.com

DRAWING NO.	C - 133-9404-101/110
REVISIONS	
ENGINEERING RELEASE	
1	7-21-03 R H I R ECN 48905
COPPER ALLOY WAS COPPER	
COPPER ALLOY WAS BRASS	
VERSION UPDATE	
2	1-12-07 A B A L 2-8-07 ECN 50903
VERSION UPDATE	
A	REVISION NUMBER FOLLOWED BY AN ALPHA
B	CHARACTER INDICATES DRAWING CHANGE
C	DATE OR PART NUMBER ADDITION ONLY
2a	1-22-09 A B B L 1-27-09 ECN 51748



NOTES:

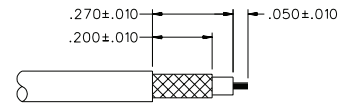
1. SPECIFICATIONS:

IMPEDANCE: 50 OHMS
FREQUENCY RANGE: 0-6 GHz
VSWR: 1.07:0.4F 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 15 MILLIOHM MAX
OUTER CONDUCTOR - INITIAL 1 MILLIOHM MAX, AFTER ENVIRONMENTAL 1.5 MILLIOHM MAX
BODY TO CABLE - INITIAL 1 MILLIOHM MAX, AFTER ENVIRONMENTAL NOT APPLICABLE
CORONA LEVEL: 250 VOLTS MINIMUM AT 70,000 FEET
INSERTION LOSS: .2 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 1.0/8.0 LBS MIN/MAX DISENGAGEMENT
CONTACT RETENTION FORCE: 2.3 LBS MIN AXIAL FORCE
CONTACT RETENTION TORQUE: NOT APPLICABLE
COUPLING MECHANISM RETENTION: NOT APPLICABLE
CABLE ACCEPTABILITY: RG 188 DOUBLE SHIELDED, RG 316 DOUBLE SHIELDED
CABLE HEX CRIMP SIZE: .151
CABLE RETENTION: 25 LBS MIN AXIAL FORCE
DURABILITY: 500 CYCLES MIN

ENVIRONMENTAL:

(MEETS OR EXCEEDS THE APPLICABLE PARAGRAPH OF MIL-PRF-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

2. CONNECTOR MARKED "NM" FOR NON-MAGNETIC.



CABLE STRIP DIMENSIONS

4:1

CUSTOMER DRAWING

THIS DRAWING TO BE INTERPRETED
PER ASME Y 14.5M - 1994

"μ STATION"

COMPANY CONFIDENTIAL

TOLERANCE UNLESS OTHERWISE SPECIFIED	DRAWN BY RSH	DATE 3-6-03	 Cinch Connectivity Solutions P.O. Box 1732 Waseca, MN 56093 1-800-247-8256
DECIMALS mm	CHECKED BY TAK	DATE 7-25-03	
.XX	APPROVED BY RJB	DATE 7-25-03	
MATL	RELEASE DATE 7-25-03	SHEET 2 OF 2	
FINISH	U/M INCH	SCALE 10:1	DRAWING NO. C - 133-9404-101/110