

Excellent Integrated System Limited

Stocking Distributor

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

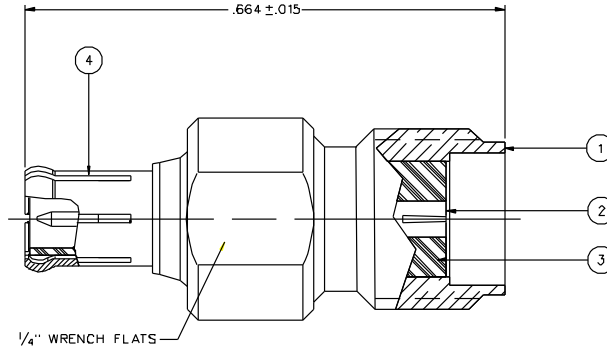
[Bel Fuse Inc.](#)
[134-1018-031](#)

For any questions, you can email us directly:

sales@integrated-circuit.com

PART NUMBER	ITEM ①	ITEM ②	ITEM ③	ITEM ④
134-1018-031	BODY BRASS GOLD PL .00001 MIN OVER NICKEL PL .00005 MIN OVER COPPER PL .00005 MIN	CONTACT BERYLLIUM COPPER GOLD PL .00005 MIN OVER NICKEL PL .00005 MIN OVER COPPER PL .00005 MIN	INSULATOR TEFLON	MCX INTERFACE SPRING BERYLLIUM COPPER GOLD PL .00003 MIN OVER NICKEL PL .00005 MIN OVER COPPER PL .00005 MIN

DRAWING NO.	
C - 134-1018-031/040	
0 REVISIONS	
ENGINEERING RELEASE	
1	9-22-98 R.H.B. J.C.N. 48843
CHANGED: 1.0/8.0 LBS MIN/MAX DISENGAGE WAS 5 LBS TYPICAL	
* REVISION NUMBER FOLLOWED BY AN ALPHA *	
* CHARACTER INDICATES DRAWING CLAMP *	
* CATION ON PART NUMBER ADDITION ONLY *	
1a	10-24-00 R.H.B. J.C.N. ECN 47375



NOTES:

I. SPECIFICATIONS:

IMPEDANCE: 50 OHMS
FREQUENCY RANGE: 0-6 GHz
VSWR: 1.03+.03F 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

BRAID TO BODY - NOT APPLICABLE
CORONA LEVEL: 250 VOLTS MINIMUM AT 70,000 FEET
INSERTION LOSS: .1dB MAX AT 1 GHz
RF LEAKAGE: -50 dB AT 2.5 GHz
RF HIGH POTENTIAL WITHSTANDING VOLTAGE: 700 VRMS AT 4 AND 7 MHZ

MECHANICAL:

ENGAGE/DISENGAGE FORCE (MCX): 5.6 LBS MAX ENCAEMENT
1.0/8.0 LBS MIN/MAX DISENGAGEMENT
ENGAGE/DISENGAGE TORQUE (SMA): 2 IN LBS MAX
MATING TORQUE (SMA): 7-10 IN LBS MAX
CONTACT RETENTION FORCE: 6 LBS MIN
CONTACT RETENTION TORQUE: NOT APPLICABLE
COUPLING NUT RETENTION (SMA): NOT APPLICABLE
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 F
OPERATING TEMPERATURE: -55 DEG C TO 165 DEG C
CORROSION: MIL-STD-202 METHOD 101, CONDITION B
SHOCK: MIL-STD-202 METHOD 215, CONDITION B
VIBRATION: MIL-STD-202 METHOD 204, CONDITION B
MOISTURE: 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		DRAWN BY	DATE	JOHNSON	
.XX .mm		T.A.KARI	7-24-98	Cinch Connectivity Solutions 299 Johnson Ave. Ste. 100 Waukegan, IL 60087 1-800-247-8256	
.XXX REF		CHECKED BY	DATE	TITLE	
NATL		TAK	9-22-98	ASSEMBLY, ADAPTER SMA JACK TO MCX PLUG, BETWEEN SERIES	
FINISH		APPROVED BY	DATE	CODE NO.	DRAWING NO.
		RUB	10-7-98		C - 134-1018-031/040
		RELEASE DATE	11-11-98	SCALE 10:1	U/N INCH SHEET 2 OF 2