



## **Excellent Integrated System Limited**

Stocking Distributor

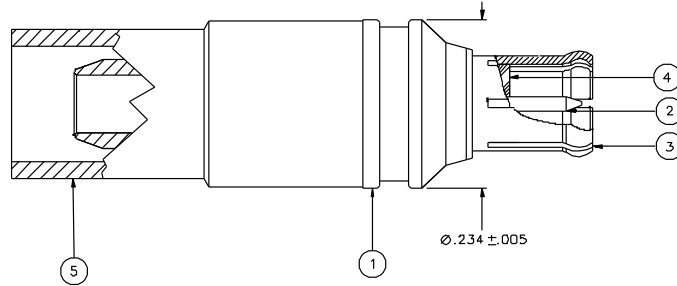
Click to view price, real time Inventory, Delivery & Lifecycle Information:

[Bel Fuse Inc.](#)  
[133-8445-001](#)

For any questions, you can email us directly:  
[sales@integrated-circuit.com](mailto:sales@integrated-circuit.com)

ITEM ① PART NUMBER 133-8445-001	ITEM ② BODY BRASS GOLD PL .00001 MIN OVER NICKEL PL .00005 MIN OVER COPPER PL .00005 MIN	ITEM ③ CONTACT BERYLLIUM COPPER GOLD PL .00003 MIN OVER NICKEL PL .00005 MIN OVER COPPER PL .00005 MIN	ITEM ④ INTERFACE BERYLLIUM COPPER GOLD PL .00003 MIN OVER NICKEL PL .00005 MIN OVER COPPER PL .00005 MIN	ITEM ⑤ INSULATOR TEFLON	ITEM ⑥ CRIMP SLEEVE COPPER GOLD PL .00001 MIN OVER NICKEL PL .00005 MIN OVER COPPER PL .00005 MIN
---------------------------------------	---	---	---	-------------------------------	--

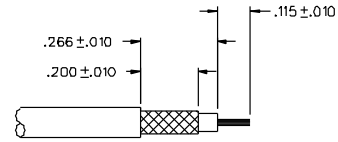
DRAWING NO. C - 133-8445-001/010	
0	REVISIONS
ENGINEERING RELEASE	
1	1-8-01



NOTES:

1. SPECIFICATIONS:

IMPEDANCE: 75 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: 1000 MEGOHM MIN  
 CONTACT RESISTANCE:  
 CENTER CONTACT - INITIAL 5 MILLIOHM MAX, AFTER ENVIRONMENTAL 8 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: .1DB 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  
 CONTACT RETENTION FORCE: 3.0 LBS TYPICAL DISENGAGEMENT, 1.0 LB MIN  
 CONTACT RETENTION TORQUE: NOT APPLICABLE  
 COUPLING MECHANISM RETENTION NOT APPLICABLE  
 CABLE ACCEPTABILITY: BELDEN 735A, B13002, TZC75024  
 CABLE HEX CRIMP SIZE: .178  
 CABLE RETENTION: 20 LBS MIN AXIAL FORCE  
 DURABILITY: 500 CYCLES MIN  
 ENVIRONMENTAL:  
 (MEETS OR EXCEEDS THE APPLICABLE PARAGRAPH OF MIL-C-38012)  
 THERMAL SHOCK: MIL-STD-202, METHOD 107, CONDITION B  
 OPERATING TEMPERATURE: -65 DEG C TO 165 DEG C  
 CORROSION: MIL-STD-202, METHOD 101, CONDITION B  
 SHOCK: MIL-STD-202, METHOD 102, CONDITION B  
 VIBRATION: MIL-STD-202, METHOD 204, CONDITION B



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 KAS	DATE 5-3-00		<small>Crutch Connecting Solutions        299 Johnson Ave. Ste. 100        Waukegan, IL 60087        1-800-247-8222</small>
DECIMALS .XX	CHECKED BY KAS	DATE 1-9-01		
.XXX--.003	APPROVED BY TAK	DATE 1-18-01	CODE NO.	DRAWING NO. C - 133-8445-001/010
MATL	APPROVED BY RUB	DATE 1-18-01	SCALE 10:1	U/M INCH
FINISH	RELEASE DATE			SHEET 2 OF 2