

Excellent Integrated System Limited

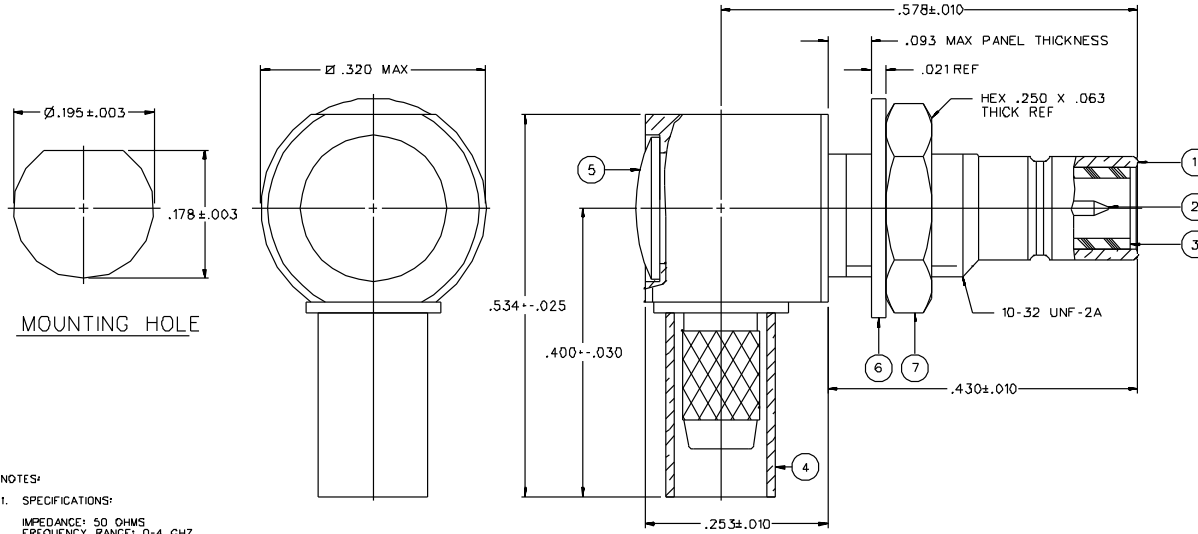
Stocking Distributor

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

[Bel Fuse Inc.](#)
[131-3303-506](#)

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

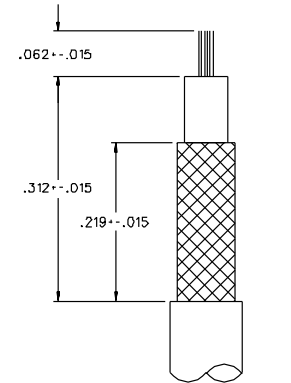
PART NUMBER	ITEM ① BODY - FRONT	ITEM ② CONTACT	ITEM ③ INSULATOR TEFLON	ITEM ④ CRIMP SLEEVE	ITEM ⑤ END CAP	ITEM ⑥ WASHER	ITEM ⑦ NUT
131-3303-501	BRASS GOLD PL .00001 MIN OVER NICKEL PL .00005 MIN OVER COPPER PL .00005 MIN	BRASS GOLD PL .00003 MIN OVER NICKEL PL .00005 MIN OVER COPPER PL .00005 MIN	TEFLON	COPPER GOLD PL .00001 MIN OVER NICKEL PL .00005 MIN OVER COPPER PL .00005 MIN	BRASS GOLD PL .00001 MIN OVER NICKEL PL .00005 MIN OVER COPPER PL .00005 MIN	PHOSPHOR BRONZE GOLD PL .00001 MIN OVER NICKEL PL .00005 MIN OVER COPPER PL .00005 MIN	BRASS GOLD PL .00001 MIN OVER NICKEL PL .00005 MIN OVER COPPER PL .00005 MIN
131-3303-506	BRASS NICKEL PL .0001 MIN OVER COPPER PL .00005 MIN	BRASS 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	BRASS NICKEL PL .0001 MIN OVER COPPER PL .00005 MIN	PHOSPHOR BRONZE NICKEL PL .0001 MIN OVER COPPER PL .00005 MIN	BRASS NICKEL PL .0001 MIN OVER COPPER PL .00005 MIN



NOTES:

1. SPECIFICATIONS:

IMPEDANCE: 50 OHMS
FREQUENCY RANGE: 0-4 GHZ
VSWR: 1.35:04 F (F IN GHZ) (50 OHM CABLE ONLY)
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 12 MILLIOHM MAX, AFTER ENVIRONMENTAL 16 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
BRAID TO BODY - GOLD PLATED INITIAL 1 MILLIOHM MAX, AFTER ENVIRONMENTAL NOT APPLICABLE
NICKEL PLATED INITIAL 2.5 MILLIOHM MAX, AFTER ENVIRONMENTAL NOT APPLICABLE
CORONA LEVEL: 250 VOLTS MIN AT 70,000 FEET
INSERTION LOSS: .60 DB MAX AT 1.5 GHZ (50 OHM CABLE ONLY)
RF LEAKAGE: -55 DB MIN AT 2.5 GHZ (50 OHM CABLE ONLY)
RF HIGH POTENTIAL WITHSTANDING VOLTAGE: 700 VRMS AT 4 AND 7 MHZ
MECHANICAL:
ENGAGE/DISENGAGE FORCE: INITIAL 14 LBS MAX, AFTER DURABILITY 14 LBS MAX
ENGAGEMENT/2 LBS MIN DISENGAGEMENT
MATING TORQUE: NOT APPLICABLE
COUPLING PROOF TORQUE: NOT APPLICABLE
COUPLING NUT RETENTION: NOT APPLICABLE
CONTACT RETENTION: 4 LBS MIN AXIAL FORCE
CABLE ACCEPTABILITY: RG 188/U, RG 316/U, RG 174/U, RG 161/U, RG 179/U, RG 187/U
CABLE HEX CRIMP SIZE: .125
CABLE RETENTION: 20 LBS MIN OR CABLE BREAKING STRENGTH
DURABILITY: 500 CYCLES MIN
ENVIRONMENTAL:
(MEETS OR EXCEEDS THE APPLICABLE PARAGRAPH OF MIL-C-39012)
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 213, CONDITION B
VIBRATION: MIL-STD-202, METHOD 204, CONDITION B



CABLE STRIP DIMENSIONS

DRAWING NO. C - 131-3303-501/510	
0 REVISIONS	
ENGINEERING RELEASE	
01 09-21-88	EJ/LCS/RJB 9-26-88 ECO 23547
ADDED: 150 OHM CABLE ONLY TO SPECS. "GOLD PLATED INITIAL..." AND "NICKEL PLATED INITIAL..." TO "BRAID TO BODY" CHANGED: RF LEAK 2.5 GHZ WAS 2 TO 3 GHZ, RF HIGH POT 4 AND 7 MHZ WAS 5 MHZ DELETED: RG 188/U, RG 179A/U, RG 179B/U AND RG 187/U FROM CABLE ACCEPTABILITY	
2	3-31-93 R H 4-14-93 H K L B E C N 41747
ADDED: MOUNTING HOLE DETAIL	
3	5-16-94 R H 5-19-94 H K L B E C N 42507
CHANGED: UPDATED GRAPHICS	
3b	12-29-94 R H 1-3-95 H K L B E C N 42993
VERSION UPDATE	
* REVISION NUMBER FOLLOWED BY AN ALPHA *	
* DIMENSION INDICATES DRAWING CLARITY *	
* CANNOT OR PART NUMBER ADJUSTION ONLY *	
3b	1-12-98 R H E C N 46077
CUSTOMER DRAWING	
THIS DRAWING TO BE INTERPRETED PER ANSI Y 14.5M - 1982	
"μSTATION"	
COMPANY CONFIDENTIAL	

TOLERANCE UNLESS OTHERWISE SPECIFIED	DRAWN BY EJ	DATE 7-27-88	JOHNSON Cinch Connectivity Solutions 289 Johnson Ave. Ste. 100 Warren, MI 48093 1-800-247-8236	
DECIMALS .XX	CHECKED BY LCS	DATE 9-21-88	TITLE JACK ASSEMBLY RA CABLED BULKHEAD SMB, RG 316	
XXX	APPROVED BY RJB	DATE 9-21-88	CODE NO.	DRAWING NO.
NATL	RELEASE DATE 9-26-88		SCALE 10:1	U/N INCH SHEET 2 OF 2
FINISH				