

Excellent Integrated System Limited

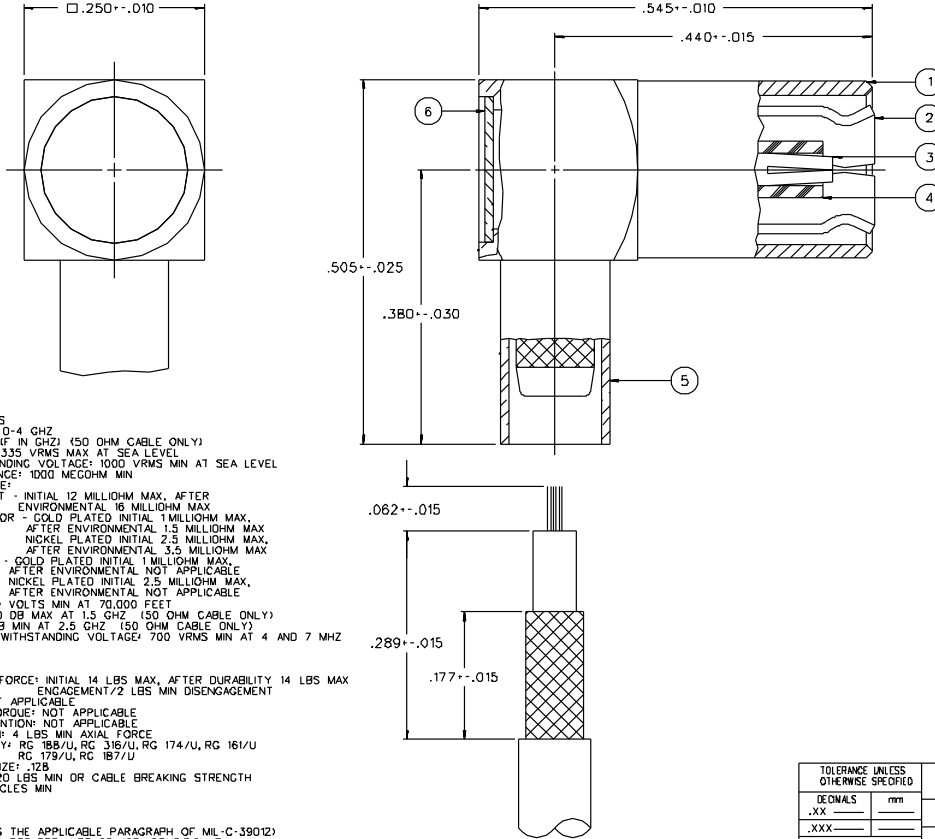
Stocking Distributor

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

[Bel Fuse Inc.](#)
[131-3403-116](#)

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

PART NUMBER	ITEM ① BODY (2 PIECE)	ITEM ② INTERFACE	ITEM ③ CONTACT	ITEM ④ INSULATOR	ITEM ⑤ CRIMP SLEEVE	ITEM ⑥ END CAP
131-3403-101	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	BRASS GOLD PL .00001 MIN OVER NICKEL PL .00005 MIN OVER COPPER PL .00005 MIN
131-3403-106	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 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
131-3403-116	BRASS NICKEL PL .0001 MIN OVER COPPER PL .00005 MIN	BERYLLIUM COPPER 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	TEFLON	COPPER 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 MIN 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: .128
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 - 131-3403-101/120	
0 REVISIONS	
ENGINEERING RELEASE	
01 09-21-88	EJ/LCS/RJB 9-26-88 ECO 23551
CHANGED: .545 ± .010 WAS --.015.	
2 8-9-90	5 RJA 8-10-90 ECO 24816
ADDED: (50 OHM CABLE ONLY) TO VSWR, INSERTION LOSS AND RF LEAK 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	
3 4-2-93	RJA/RJA/ECO 41752
VERSION UPDATE	
* REVISION NUMBER FOLLOWED BY AN ALPHA * * CHARACTER INDICATES DRAWING CHANGE * * CAUTION OR PART NUMBER ADDITION ONLY *	
3a 4-25-94	RJA/RJA/ECO 42374
ADDED: P/N 131-3403-104	
4 11-14-96	RJA/RJA/ECO 44281
CHANGED: .505 ± .025 WAS .534 ± .025, .380 ± .030 WAS .400 ± .030, .289 ± .015 WAS .312 ± .015, .177 ± .015 WAS .210 ± .015 OIL TIGHT DIA .320 MAX, P/N 131-3403-104 ADDED: $\square .250 \pm .010$	
5 2-7-00	RJA/RJA/ECO 46865
CUSTOMER DRAWING	
THIS DRAWING TO BE ENTERPRETED PER ANSI Y 14.5M - 1982	
"μSTATION"	
COMPANY CONFIDENTIAL	

TOLERANCE UNLESS OTHERWISE SPECIFIED	DRAWN BY EJ	DATE 7-27-88	JOHNSON Cinch Connectivity Solutions 299 Johnson Ave. Ste. 100 Warren, MI 48093 1-800-247-8236
DECIMALS .XX	CHECKED BY	DATE 9-21-88	
XXX	APPROVED BY LCS	DATE 9-21-88	
NATL	APPROVED BY RJB	DATE 9-21-88	
FINISH	RELEASE DATE	9-26-88	TITLE PLUG ASSEMBLY RA CABLED SMB, 50 OHM, RG 316 CODE NO. C - 131-3403-101/120 SCALE 10:1 U/N INCH SHEET 2 OF 2