

Excellent Integrated System Limited

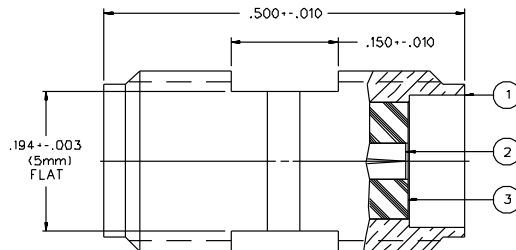
Stocking Distributor

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

[Bel Fuse Inc.](#)
[142-0901-806](#)

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

PART NUMBER	ITEM - ① BODY	ITEM - ② CONTACT	ITEM - ③ INSULATOR
142-D901-801	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	TEFLON
142-D901-806	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	TEFLON



NOTES:

1. SPECIFICATIONS:

IMPEDANCE: 50 OHMS
FREQUENCY RANGE: 0-18 GHZ
VSWR: 1.05-.005 (F) MAX. (F IN GHZ)
WORKING VOLTAGE: 500 VRMS MAX AT SEA LEVEL
DIELECTRIC WITHSTANDING VOLTAGE: 1500 VRMS MIN AT SEA LEVEL
INSULATION RESISTANCE: 5000 MEGOHM MIN
CONTACT RESISTANCE:
CENTER CONTACT - INITIAL 4.0 MILLIOHM MAX, AFTER ENVIRONMENTAL 5.0 MILLIOHM MAX
OUTER CONDUCTOR - INITIAL 2.0 MILLIOHM MAX
AFTER ENVIRONMENTAL NOT APPLICABLE
BRAID TO BODY - NOT APPLICABLE
CORONA LEVEL: 375 VOLTS MIN AT 70,000 FEET
INSERTION LOSS: <.08 DB AT 6 GHZ (F IN GHZ)
RF LEAKAGE: <90 DB MIN AT 2.5 GHZ
RF HIGH POTENTIAL WITHSTANDING VOLTAGE: 1000 VRMS MIN AT 4 AND 7 MHZ

MECHANICAL:

ENGAGE/DISENGAGE TORQUE: 2 INCH-POUNDS MAX
MATING TORQUE: 7-10 INCH POUNDS
COUPLING PROOF TORQUE: 15 INCH-POUNDS MIN
COUPLING NUT RETENTION: NOT APPLICABLE
CONTACT RETENTION: 4 LBS MIN AXIAL FORCE
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-A-55339)
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 I
VIBRATION: MIL-STD-202, METHOD 204, CONDITION D
MOISTURE RESISTANCE: MIL-STD-202, METHOD 106

DRAWING NO.	
C - 142-0901-801/810	
0 REVISIONS	
ENGINEERING RELEASE	
1	11-14-89 [Signature] 11-22-89 ECC 23073
CHANGED: .194 ± .003 WAS .215 ± .010, .500 ± .010 WAS .7 ± .005, .150 ± .010 WAS .125 ± .010, VSWR WAS 1.05 ± .01	
2	2-22-91 [Signature] 3-4-92 [Signature] ECD 24688
RF LEAK -90 WAS -60, 2.5GHZ WAS 9 2-3 GHz RF HIGH POT 4 AND 7 MHZ WAS 5 TO 7.5 MHZ MIL-A-55339 WAS MIL-C-39012 THERMAL SHOCK CONDITION B WAS C	
3	1-11-92 [Signature] ECD 40755
UPDATED COMPANY LOGOS	
* REVISION NUMBER FOLLOWED BY AN ALPHA *	
* CHARACTER INDICATES DRAWING CHANGE *	
* CATION OR PART NUMBER ADDITION ONLY *	
3a	5/8/02 [Signature] 5-21-02 EGN 48405

CUSTOMER DRAWING

THIS DRAWING TO BE INTERPRETED PER ANSI Y 14.5M - 1982

"μSTATION"

COMPANY CONFIDENTIAL

TOLERANCE UNLESS OTHERWISE SPECIFIED		DRAWN BY EJ		DATE 6-27-89		JOHNSON	
DECIMALS	mm	CHECKED BY		DATE		TITLE ADAPTER ASSEMBLY, JACK TO JACK SMA	
.XX		APPROVED BY TAK		DATE 11-20-89		CODE NO.	
.XXX		APPROVED BY RJB		DATE 11-20-89		DRAWING NO.	
NATL		RELEASE DATE		11-22-89		C - 142-0901-801/810	
FINISH		SCALE 10:1		U/M INCH		SHEET 2 OF 2	