

Excellent Integrated System Limited

Stocking Distributor

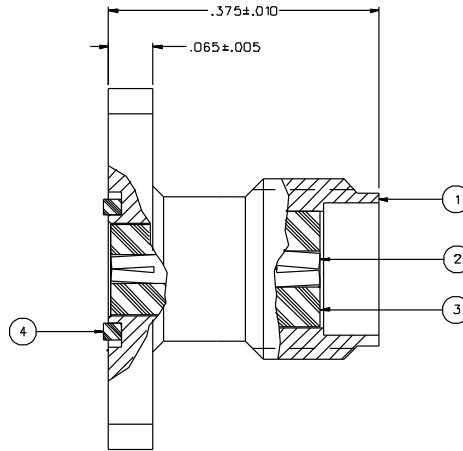
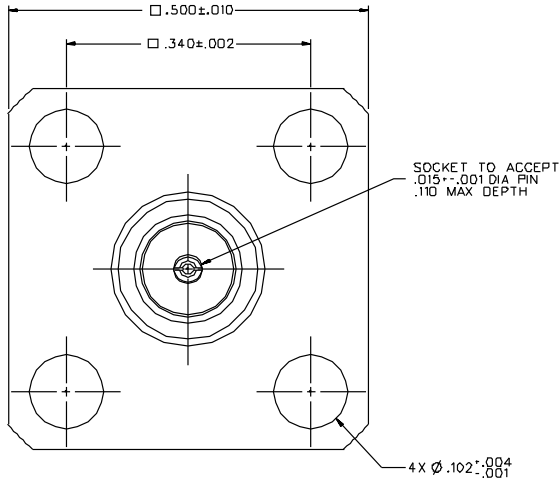
Click to view price, real time Inventory, Delivery & Lifecycle Information:

[Bel Fuse Inc.](#)
[142-1701-516](#)

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

PART NUMBER	ITEM-① BODY	ITEM-② CONTACT	ITEM-③ INSULATOR	ITEM-④ EMICASKET
142-1701-511	BRASS GOLD PL .00001 MIN OVER NICKEL PL .00005 MIN OVER COPPER PL .00005 MIN	BERYLLIUM COPPER GOLD PL .00005 MIN OVER NICKEL PL .00005 MIN OVER COPPER PL .00005 MIN	TEFLON	CONDUCTIVE SILICONE PER MIL-G-83528, TYPE M
142-1701-516	BRASS NICKEL PL .0001 MIN OVER COPPER PL .00005 MIN	BERYLLIUM COPPER GOLD PL .00005 MIN OVER NICKEL PL .00005 MIN OVER COPPER PL .00005 MIN	TEFLON	CONDUCTIVE SILICONE PER MIL-G-83528, TYPE M

DRAWING NO. C - 142-1701-511/520			
0 REVISIONS			
ENGINEERING RELEASE			
I	8-16-95	R	ECN 43633



NOTES:

I. SPECIFICATIONS:

IMPEDANCE: 50 OHMS
FREQUENCY RANGE: 0-26.5 GHz
VSWR: DEPENDANT UPON APPLICATION, TYPICALLY < 1.1 + .01F (F IN GHz)
WORKING VOLTAGE: 335 VRMS MAX AT SEA LEVEL
DIELECTRIC WITHSTANDING VOLTAGE: 1000 VRMS MIN AT SEA LEVEL
INSULATION RESISTANCE: 5000 MEGOHM MIN
CONTACT RESISTANCE:
CENTER CONTACT - INITIAL 8.0 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: 250 VOLTS MIN AT 70,000 FEET
INSERTION LOSS: DEPENDANT UPON APPLICATION, TYPICALLY < .06 F (F IN GHz)
RF LEAKAGE: -80 dB MIN AT 2.5 GHz
RF HIGH POTENTIAL WITHSTANDING VOLTAGE: 670 VRMS MIN AT 4 AND 7 MHz

MECHANICAL:

ENGAGE/DISENGAGE TORQUE: 2 INCH-POUNDS MAX
MATING TORQUE: 7-10 INCH POUNDS
COUPLING PROOF TORQUE: NOT APPLICABLE
COUPLING NUT RETENTION: NOT APPLICABLE
CONTACT RETENTION: 6 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-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 I
VIBRATION: MIL-STD-202, METHOD 204, CONDITION D
MOISTURE RESISTANCE: 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 JRK	DATE 5-25-95	JOHNSON Crinch Connectivity Solutions 290 Johnson Ave. Ste. 100 Weymouth, MA 02093 1-800-247-8236
DECIMALS .XX .XXX N/A FINISH	CHECKED BY JRK APPROVED BY TAK APPROVED BY RJB RELEASE DATE	DATE 8-16-95 DATE 8-16-95 DATE 8-17-95	TITLE ASSY, JACK, .500 SQUARE FLANGE MOUNT, FLANGE SOCKET .015, FIELD REPLACEABLE SMA CODE NO. DRAWING NO. C - 142-1701-511/520 SCALE 10:1 U/M INCH SHEET 2 OF 2