

Excellent Integrated System Limited

Stocking Distributor

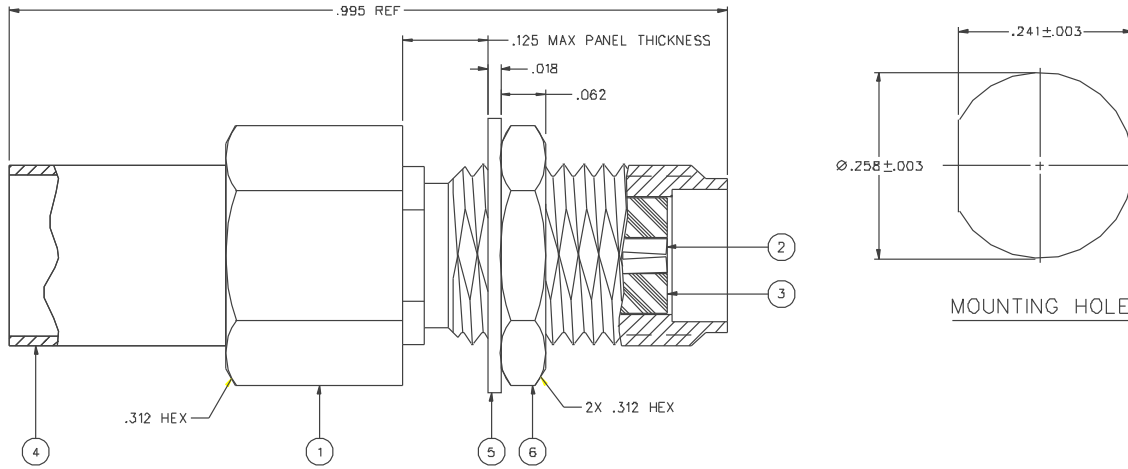
Click to view price, real time Inventory, Delivery & Lifecycle Information:

[Bel Fuse Inc.](#)
[142-0339-406](#)

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 CRIMP SLEEVE	ITEM-⑤ FLAT WASHER	ITEM-⑥ NUT
142-0339-401	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	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	BRASS GOLD PL .00001 MIN OVER NICKEL PL .00005 MIN OVER COPPER PL .00005 MIN
142-0339-406	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	COPPER NICKEL PL .0001 MIN OVER COPPER PL .00005 MIN	BRASS NICKEL PL .0001 MIN OVER COPPER PL .00005 MIN	BRASS NICKEL PL .0001 MIN OVER COPPER PL .00005 MIN

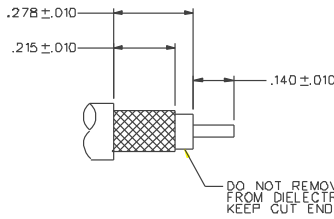
DRAWING NO. C - 142-0339-401/410	
0	REVISIONS
ENGINEERING RELEASE	
1	11-1-99
ECN 46750	



NOTES:

1. SPECIFICATIONS:

- IMPEDANCE: 50 OHMS
 - FREQUENCY RANGE: 0-12.4 GHz
 - VSWR: 1.10-.03 F MAX (F IN GHz)
 - WORKING VOLTAGE: 250 VRMS MAX AT SEA LEVEL
 - DIELECTRIC WITHSTANDING VOLTAGE: 750 VRMS MIN AT SEA LEVEL
 - INSULATION RESISTANCE: 5000 MEGOHM MIN
 - CONTACT RESISTANCE:
 - CENTER CONTACT - INITIAL 3.0 MILLIOHM MAX, AFTER ENVIRONMENTAL 4.0 MILLIOHM MAX
 - OUTER CONDUCTOR - INITIAL 2.0 MILLIOHM MAX, AFTER ENVIRONMENTAL NOT APPLICABLE
 - BODY TO CABLE - 0.5 MILLIOHM MAX (GOLD PLATED), 5.0 MILLIOHM MAX (NICKEL PLATED)
 - CORONA LEVEL: 190 VOLTS MIN AT 70,000 FEET
 - INSERTION LOSS: .06 / FT MAX (F IN GHz) AT 1GHz
 - RF LEAKAGE: -60 DB MIN AT 2.5 GHz
 - RF HIGH POTENTIAL WITHSTANDING VOLTAGE: 500 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: LMR-200 (TIMES MICROWAVE), HPF-200 (HARBOUR INDUSTRIES), RF-200, 7807A (BELDEN), M17/220-DD01
 - CABLE HEX CRIMP SIZE: .213
 - CABLE RETENTION: 30 LBS MIN AXIAL FORCE
 - DURABILITY: 500 CYCLES MIN
- ENVIRONMENTAL:
- (MEETS OR EXCEEDS THE APPLICABLE PARAGRAPH OF MIL-C-39012)
 - THERMAL SHOCK: MIL-STD-202, METHOD 107, CONDITION B, EXCEPT 85° C HIGH TEMP
 - 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



CABLE STRIP DIMENSIONS

4:1

TOLERANCE UNLESS OTHERWISE SPECIFIED	DRAWN BY JRK	DATE 9-16-99	 <small>Crh Connectivity Solutions 299 Johnson Ave. Ste. 100 Worcester, MA 01091 1-800-247-8236</small>
DECIMALS	CHECKED BY JRK	DATE 11-2-99	
.XXX ± .003	APPROVED BY TAK	DATE 11-5-99	TITLE SMA ASSEMBLY, BULKHEAD JACK, CABLED, LMR-200
MATL	APPROVED BY RJB	DATE 11-8-99	CODE NO. DRAWING NO. C - 142-0339-401/410
FINISH	RELEASE DATE		SCALE 10:1 U/M INCH SHEET 2 OF 2

CUSTOMER DRAWING

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

"μSTATION"

COMPANY CONFIDENTIAL