

Excellent Integrated System Limited

Stocking Distributor

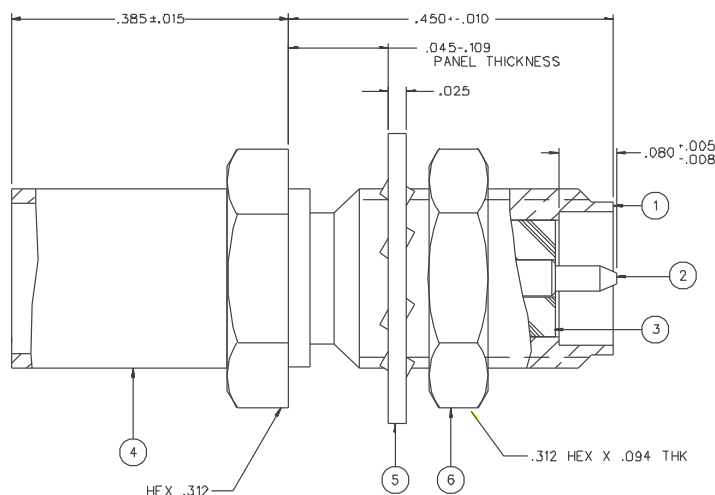
Click to view price, real time Inventory, Delivery & Lifecycle Information:

[Bel Fuse Inc.](#)
[142-4307-406](#)

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

Electronic component						
PART NUMBER	ITEM-① BODY	ITEM-② CONTACT	ITEM-③ INSULATOR	ITEM-④ CRIMP SLEEVE	ITEM-⑤ LOCKWASHER	ITEM-⑥ NUT
142-4307-401	BRASS GOLD PL .00001 MIN OVER NICKEL PL .00005 MIN OVER COPPER PL .00005 MIN	BRASS 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	COPPER 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
142-4307-406	BRASS NICKEL PL .0001 MIN OVER COPPER PL .00005 MIN	BRASS 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	COPPER PHOSPHOR BRONZE NICKEL PL .0001 MIN OVER COPPER PL .00005 MIN	BRASS NICKEL PL .0001 MIN OVER COPPER PL .00005 MIN

DRAWING NO.											
C - 142-4307-401/410											
D REVISIONS											
ENGINEERING RELEASE											
1		10-2-98		R	S	10	11	12	13	10-2-98 ECN 45972	
CHANGED: VSMR 1.17-.02 F WAS 1.19-.012 F											
1a		10-2-98		R	S	10	11	12	13	ECN 46815	
PHOSPHOR BRONZE WAS BRASS 109 WAS .025 .025 WAS .032 109 WAS .062 ADDED LOCAL UPDATED VIEWS											
2		5-5-01		R	S	10	11	12	13	ECN 48035	
THICKWALL STEM TIP UPDATE.											
REVISION NUMBER FOLLOWED BY AN ALPHA CHARACTER INDICATES A REVISION CURRENT DATE PART NUMBER ADDITION ONLY.											
2a		2-13-02		R	S	10	11	12	13	ECN 48250	



NOTES:

1. SPECIFICATIONS:

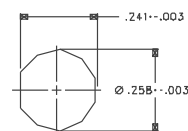
IMPEDANCE: 50 OHMS
FREQUENCY RANGE: 0-12.4 GHz
VSWR: 1.17-1.02 D.F. MAX. (in GHz)
WORKING VOLTAGE: 350 VDC MAX. AT SEA LEVEL
ELECTRIC WITHSTANDING VOLTAGE: 1000 VRMS MIN. AT SEA LEVEL
INSULATION RESISTANCE: 5000 MEGOHM MIN
CONTACT RESISTANCE:
CENTER CONTACT - INITIAL 3.0 MILLI OHM MAX, AFTER
ENVIRONMENTAL 2.0 MILLI OHM MAX
OUTER CONDUCTOR - INITIAL 2.0 MILLI OHM MAX,
AFTER ENVIRONMENTAL NOT APPLICABLE
BODY TO CABLE - 0.5 MILLI OHM MAX (GOLD PLATED)
0.5 MILLI OHM MAX (NICKEL PLATED)
CORONA LEVEL: 250 VOLTS MIN. AT 70.00 FEET
INSERTION LOSS: 0.6 DB MAX. IN 1 GHz AT 6 GHz
RF LEAKAGE: -60 DB MIN AT 2.5 GHz
RF HIGH POTENTIAL WITHSTANDING VOLTAGE: 670 VRMS MIN
AND

MECHANICAL:

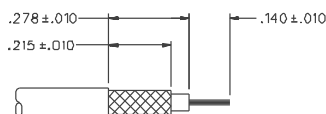
ENGAGE/DISENGAGE TORQUE: 2 INCH-POUNDS MAX
MATING TORQUE: 7-10 INCH POUNDS
COUPLING PROOF TORQUE: NOT APPLICABLE
COUPLING NUT RETENTION: NOT APPLICABLE
CONTACT RETENTION: 6 LBS MIN AXIAL FORCE
CABLE ACCEPTABILITY: RG 18/U, RG 141/U, RG 303/U
CABLE HEX CRIMP SIZE: .213
CONTACT CRIMP TOOL: MIL M22520/1-D1
CABLE RETENTION: 40 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 B5+ 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 1
VIBRATION: MIL-STD-202, METHOD 204, CONDITION D
MOISTURE RESISTANCE: MIL-STD-202, METHOD 106



MOUNTING HOLE



CABLE STRIP DIMENSIONS

4:1

CUSTOMER DRAWING

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

" μ STATION"

COMPANY CONFIDENTIAL

TOLERANCE UNLESS OTHERWISE SPECIFIED		DRAWN BY SWC		DATE 6-18-98		 Johnson Controls 299 Glouchester Avenue, Suite 100 Worcester, MA 01602 1-800-241-8256	
DECIMALS	MMR	CHECKED BY SWC	DATE 11-2-98	TITLE JACK ASSEMBLY, STRAIGHT CABLE BULKHEAD, 5V SE POLARITY SMA, RG 58			
XXX REF		APPROVED BY TAK	DATE 11-6-98	CODE NO. C - 142-4.307-4014-10			
MATL		APPROVED BY RJB	DATE 11-12-98	SCALE 10:1 DIM INCH 1/8" 2 OF 2			
FINISH		RELEASE DATE	12-2-98				