

Excellent Integrated System Limited

Stocking Distributor

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

[Bel Fuse Inc.](#)
[142-1711-516](#)

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



□ .500 ± .002

□ .340 ± .002

SOCKET TO ACCEPT
.015 ± .001 DIA PIN
.110 MAX DEPTH

Ø 4X .102 ± .004
-.001

.253 ± .010

.190 ± .015

.065 ± .005

.595 ± .005

.230 ± .010

1

2

3

4

5

NOTES:

1. SPECIFICATIONS:

IMPEDANCE: 50 OHMS
FREQUENCY RANGE: 0-18 GHz
VSWR: DEPENDANT UPON APPLICATION, TYPICALLY < 1.1 + .05F (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 6.0 MILLIOHM MAX, AFTER ENVIRONMENTAL 8.0 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
RF LEAKAGE: -90 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

Johnson
Cinch Connectivity Solutions
279 Johnson Ave. Ste. 100
Worcester, MA 01609
1-800-267-8256

TOLERANCE UNLESS OTHERWISE SPECIFIED	DRAWN BY JRK	DATE 12-22-97	 JOHNSON Cinch Connectivity Solutions 279 Johnson Ave. Ste. 100 Worcester, MA 01609 1-800-267-8256
DECIMALS .XX	CHECKED BY JRK	DATE 4-8-98	
.XXX REF	APPROVED BY TAK	DATE 4-9-98	
MATL	APPROVED BY RUB	DATE 4-14-98	
FINISH	RELEASE DATE		

TITLE ASSY, RIGHT ANGLE JACK, .500 SO FLANGE .015 SOCKET, FIELD REPLACEABLE SMA	CODE NO. C	DRAWING NO. C
SCALE 5:1	U/M INCH	SHEET 2 OF 2