

Excellent Integrated System Limited

Stocking Distributor

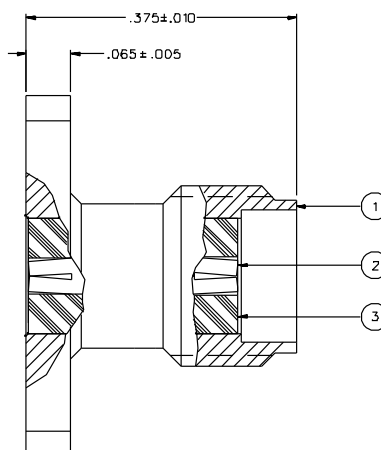
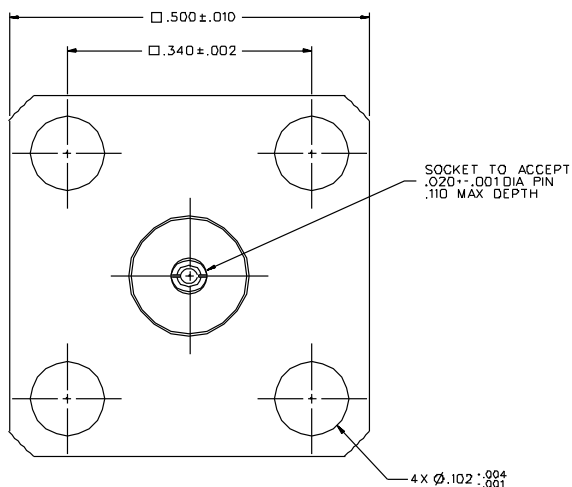
Click to view price, real time Inventory, Delivery & Lifecycle Information:

[Bel Fuse Inc.](#)
[142-1701-531](#)

For any questions, you can email us directly:

sales@integrated-circuit.com

PART NUMBER	ITEM-①	ITEM-②	ITEM-③
142-1701-531	BODY BRASS GOLD PL .00001 MIN OVER NICKEL PL .00005 MIN OVER COPPER PL .00005 MIN	CONTACT BERYLLIUM COPPER GOLD PL .00005 MIN OVER NICKEL PL .00005 MIN OVER COPPER PL .00005 MIN	INSULATOR TEFLON
142-1701-536	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



NOTES:

1. SPECIFICATIONS:

IMPEDANCE: 50 OHMS
FREQUENCY RANGE: 0-26.5 GHz
SWITCHING SPEED: 100 NS (DEPENDENT UPON APPLICATION, TYPICALLY $< 1.1 \cdot 10^{-11}$ IF IN GHz)
WORKING VOLTAGE: 335 VRMS MAX AT SEA LEVEL
DIELECTRIC WITHSTANDING VOLTAGE: 1000 VRMS MIN AT SEA LEVEL
INSULATION RESISTANCE: 5000 MEG OHMS
CONTACT RESISTANCE:
CENTER CONTACT: INITIAL 6.0 MILLI OHM MAX, AFTER ENVIRONMENTAL 8.0 MILLI OHM MAX
OUTER CONDUCTOR: INITIAL 2.0 MILLI OHM MAX, AFTER ENVIRONMENTAL NOT APPLICABLE
BRAD TO BODY - NOT APPLICABLE
CORONA LEVEL: 250 VOLTS MIN AT 70,000 FEET
INSERTION LOSS: DEPENDENT UPON APPLICATION, TYPICALLY < 0.65 DB IF IN GHz
RF LEAKAGE: 70 DB MIN AT 2.5 GHz
POWER CAPABILITY: DEPENDENT UPON APPLICATION, TYPICALLY: 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 1
VIBRATION: MIL-STD-202, METHOD 204, CONDITION D
MOISTURE RESISTANCE: MIL-STD-202, METHOD 106

DRAWING NO.										
C 142-1701-531/540										
0		REVISIONS								
ENGINEERING RELEASE										
1		7-26-95		R	H	M	W	TH	FR	ECN 43584
VERSION UPDATE										
10		12-21-95		R	H	M	W	TH	FR	ECN 43854
VERSION UPDATE										
*****REVISION NUMBER FOLLOWED BY AN ALPHA *****REVISION NUMBER INDICATES DRAWING CLASS- *****DATE OR PART NUMBER ADDITION ONLY.*****										
1b		8-23-96		R	H	M	W	TH	FR	ECN 44153

CUSTOMER DRAWING

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

" μ STATION"

COMPANY CONFIDENTIAL

TOLERANCE UNLESS OTHERWISE SPECIFIED		DRAWN BY JRK		DATE 5-26-95		 Clutch Connectivity Solutions 299 Johnson Ave., Ste. 100 Johnson, Iowa 50032 1-800-241-8226	
DECIMALS .XX		CHECKED BY JRK		DATE 7-26-95		TITLE ASSY. JACK, .500 SQUARE FLANGE MOUNT, FLANGE SOCKET .020, FLANGE REPLACEMENT SMA	
.XXX		APPROVED BY TAK		DATE 7-28-95		CODE NO.	
MATH		APPROVED BY RJLJ		DATE 7-31-95		DRAWING NO. C - 142-1701-531/540	
FINISH		RELEASE DATE		8-1-95		SCALE 1:10 UN. INCH SHEET 2 OF 3	