

Excellent Integrated System Limited

Stocking Distributor

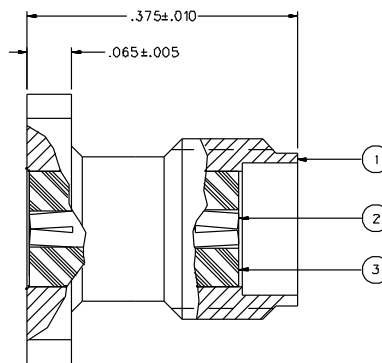
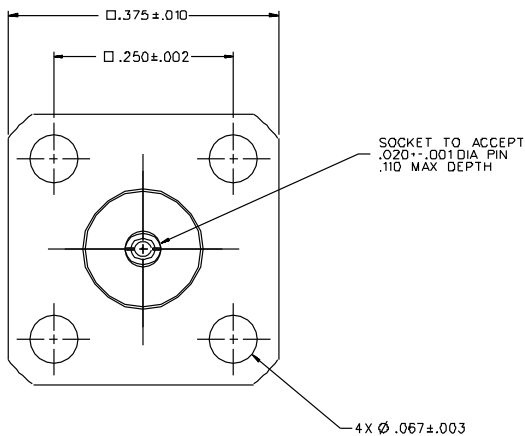
Click to view price, real time Inventory, Delivery & Lifecycle Information:

[Bel Fuse Inc.](#)
[142-1701-581](#)

For any questions, you can email us directly:

sales@integrated-circuit.com

PART NUMBER	ITEM-① BODY	ITEM-② CONTACT	ITEM-③ INSULATOR
142-1701-581	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
142-1701-586	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
VSWR: DEPENDENT UPON APPLICATION, TYPICALLY < 1.1 + .01 F (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: DEPENDENT UPON APPLICATION, TYPICALLY < .06 dB (F IN GHz)
RF LEAKAGE: -70 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

DRAWING NO.			
C - 142-1701-581/590			
0 REVISIONS			
ENGINEERING RELEASE			
I	7-26-95	R	7-26-95
VERSION UPDATE			
to	12-21-95	R	1-5-96
VERSION UPDATE			
* REVISION NUMBER FOLLOWED BY AN ALPHA *			
* CHARACTER INDICATES DRAWING CLAMP *			
* CATION OR PART NUMBER ADDITION ONLY *			
to	8-23-96	R	8-23-96
EON 4.4155			

CUSTOMER DRAWING

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

"μSTATION"

COMPANY CONFIDENTIAL

TOLERANCE UNLESS OTHERWISE SPECIFIED		DRAWN BY		DATE		JOHNSON®	
.XX		JRK		5-30-95		Ginch Connectivity Solutions	
.XXX		CHECKED BY		DATE		290 Johnson Ave, Ste 100	
MILL		JRK		7-28-95		Watsonville, CA 95093	
		APPROVED BY		DATE		1-800-247-8236	
		TAK		7-28-95		TITLE	
		APPROVED BY		DATE		ASSY, JACK, .375 SQUARE FLANGE	
		RJB		7-31-95		MOUNT, FLANGE SOCKET .020,	
		RELEASE DATE		8-1-95		FIELD REPLACEABLE SMA	
						CODE NO.	
						DRAWING NO.	
						C - 142-1701-581/590	
						SCALE 10:1	
						U/M INCH	
						SHEET 2 OF 2	