

Excellent Integrated System Limited

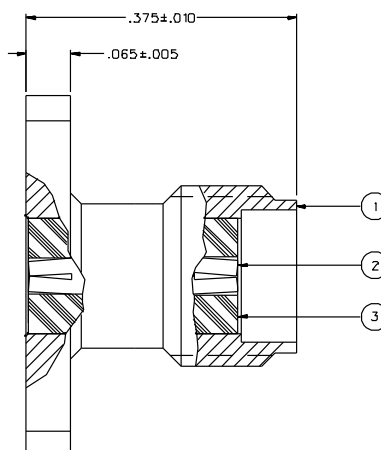
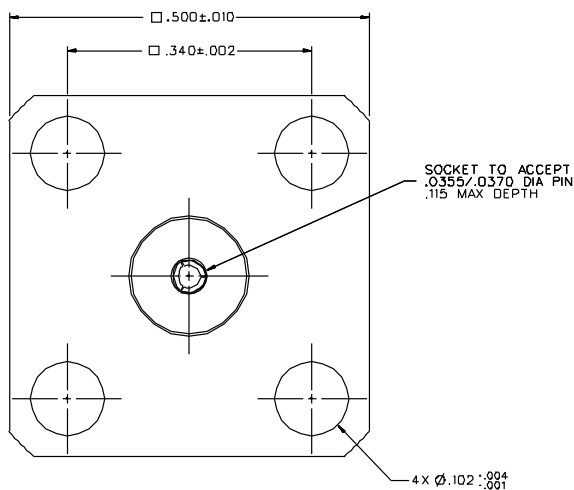
Stocking Distributor

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

[Bel Fuse Inc.](#)
[142-1701-546](#)

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

PART NUMBER	ITEM ① BODY	ITEM ② CONTACT	ITEM ③ INSULATOR
14-2-1701-541	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
14-2-1701-546	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 $< 1.1 \cdot .01F$ IF (IN GHz)
WAVELENGTH: 1.13 CM
DIELECTRIC WITHSTANDING VOLTAGE: 1000 VRMS MIN AT SEA LEVEL
INSULATION RESISTANCE: 5000 MEGOHM MIN
CONTACT RESISTANCE:
CENTER CONTACT - INITIAL 6.0 MILLIHM MAX, AFTER ENVIRONMENTAL 8.0 MILLIHM MAX
OUTER CONDUCTOR - INITIAL 2.0 MILLIHM 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 $< .06\text{ dB}$ IF (IN GHz)
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 - 142-1701-541/550									
0	REVISIONS								
ENGINEERING RELEASE									
I	7-26-95	R	H	M	H	H	H	8-1-95	ECN 43574
VERSION UPDATE									
10	12-21-95	R	H	M	H	H	H	1-5-96	ECN 43855
VERSION UPDATE									
*****REVISION NUMBER FOLLOWED BY AN ALPHA*****									
*****REVISION NUMBER FOLLOWED BY A NUMERIC*****									
*****DATE OR PART NUMBER ADDITION ONLY*****									
1b	8-23-96	R	H	M	H	H	H		ECN 44154

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	 CRIN CONNECTIONS, INC. 299 Commonwealth Ave., Ste. 100 Weymouth, Mass 01978 1-800-247-8256
DECIMALS	mm	CHECKED BY JRK	DATE 7-26-95	TITLE ASSY. JACK, .500 SQUARE FLANGED MOUNT, FLANGE SOCKET .036, FIELD, REPLACABLE SMA	
.XXX		APPROVED BY TAK	DATE 7-28-95	CODE NO.	DRAWING NO.
MATL		APPROVED BY RJB	DATE 7-31-95	C - 142-1701-541/550	
FINISH		RELEASE DATE	8-1-95	SCALE 10:1	1/4" INCH 1/8" INCH 1/16" INCH 1/32" INCH 1/64" INCH 1/128" INCH 1/256" INCH 1/512" INCH 1/1024" INCH 1/2048" INCH 1/4096" INCH 1/8192" INCH 1/16384" INCH 1/32768" INCH 1/65536" INCH 1/131072" INCH 1/262144" INCH 1/524288" INCH 1/1048576" INCH 1/2097152" INCH 1/4194304" INCH 1/8388608" INCH 1/16777216" INCH 1/33554432" INCH 1/67108864" INCH 1/134217728" INCH 1/268435456" INCH 1/536870912" INCH 1/1073741824" INCH 1/2147483648" INCH 1/4294967296" INCH 1/8589934592" INCH 1/17179869184" INCH 1/34359738368" INCH 1/68719476736" INCH 1/137438953472" INCH 1/274877906944" INCH 1/549755813888" INCH 1/1099511627776" INCH 1/2199023255552" INCH 1/4398046511104" INCH 1/8796093022208" INCH 1/17592186044416" INCH 1/35184372088832" INCH 1/70368744177664" INCH 1/140737488355328" INCH 1/281474976710656" INCH 1/562949953421312" INCH 1/1125899906842624" INCH 1/2251799813685248" INCH 1/4503599627370496" INCH 1/9007199254740992" INCH 1/18014398509481984" INCH 1/36028797018963968" INCH 1/72057594037927936" INCH 1/144115188075855872" INCH 1/288230376151711744" INCH 1/576460752303423488" INCH 1/1152921504606846976" INCH 1/2305843009213693952" INCH 1/4611686018427387904" INCH 1/9223372036854775808" INCH 1/18446744073709551616" INCH 1/36893488147419103232" INCH 1/73786976294838206464" INCH 1/147573952589676412928" INCH 1/295147905179352825856" INCH 1/590295810358705651712" INCH 1/1180591620717411303424" INCH 1/2361183241434822606848" INCH 1/4722366482869645213696" INCH 1/9444732965739290427392" INCH 1/18889465931478580854784" INCH 1/37778931862957161709568" INCH 1/75557863725914323419136" INCH 1/151115727451828646838272" INCH 1/302231454903657293676544" INCH 1/604462909807314587353088" INCH 1/1208925819614629174706176" INCH 1/2417851639229258349412352" INCH 1/4835703278458516698824704" INCH 1/9671406556917033397649408" INCH 1/19342813113834066795298816" INCH 1/38685626227668133590597632" INCH 1/77371252455336267181195264" INCH 1/154742504910672534362390528" INCH 1/309485009821345068724781056" INCH 1/618970019642690137449562112" INCH 1/1237940039285380274899124224" INCH 1/2475880078570760549798248448" INCH 1/4951760157141521099596496896" INCH 1/9903520314283042199192993792" INCH 1/19807040628566084398385987584" INCH 1/39614081257132168796771975168" INCH 1/79228162514264337593543950336" INCH 1/158456325028528675187087900672" INCH 1/316912650057057350374175801344" INCH 1/633825300114114700748351602688" INCH 1/1267650600228229401496703205376" INCH 1/2535301200456458802993406410752" INCH 1/5070602400912917605986812821504" INCH 1/10141204801825835211973625643008" INCH 1/20282409603651670423947251286016" INCH 1/40564819207303340847894502572032" INCH 1/81129638414606681695789005144064" INCH 1/162259276829213363391578010288128" INCH 1/324518553658426726783156020576256" INCH 1/649037107316853453566312041152512" INCH 1/1298074214633706907132624082305024" INCH 1/2596148429267413814265248164610048" INCH 1/5192296858534827628530496329220096" INCH 1/10384593717069655257060992658440192" INCH 1/20769187434139310514121985316880384" INCH 1/41538374868278621028243970633760768" INCH 1/83076749736557242056487941267521536" INCH 1/166153499473114484112975882535042688" INCH 1/332306998946228968225951765070085376" INCH 1/664613997892457936451903530140170752" INCH 1/1329227995784915872903807060280341504" INCH 1/2658455991569831745807614120560683008" INCH 1/5316911983139663491615228241121366016" INCH 1/10633823966279326983230456482242732032" INCH 1/21267647932558653966460912964485464064" INCH 1/42535295865