

Excellent Integrated System Limited

Stocking Distributor

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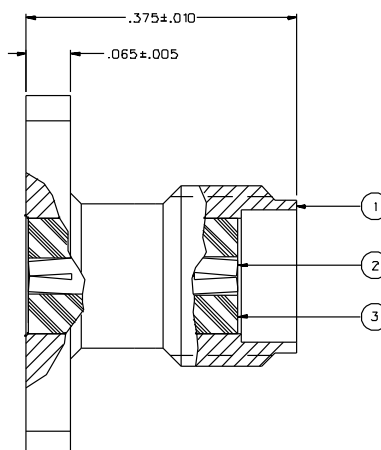
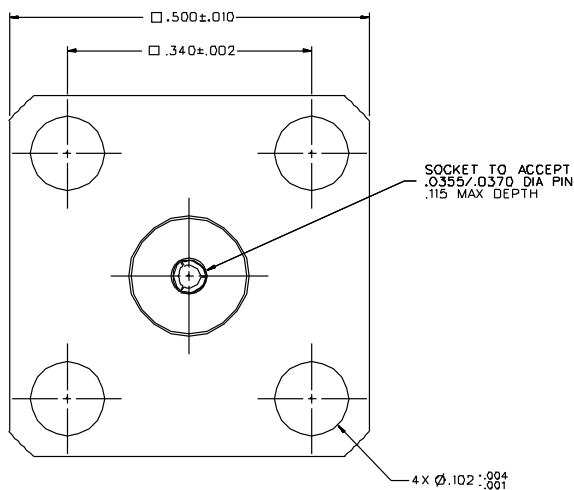
[Bel Fuse Inc.](#)
[142-1701-541](#)

For any questions, you can email us directly:

sales@integrated-circuit.com

Electronic components			
PART NUMBER	ITEM-① BODY	ITEM-② CONTACT	ITEM-③ INSULATOR
142-1701-541	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
142-1701-546	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

DRAWING NO.									
C - 142-1701-541/550									
0 REVISIONS									
ENGINEERING RELEASE									
I	7-26-95	R	H	M	M	M	M	8-1-95	ECN 43574
VERSION UPDATE									
10	12-21-95	R	H	M	M	M	M	1-5-96	ECN 43855
VERSION UPDATE									
* REVISION NUMBER FOLLOWED BY AN ALPHA *									
* DRAWING OR UNDATED DRAWING CLASS *									
* DATE OR PART NUMBER ADDITION ONLY *									
1b	8-23-96	R	H	M	M	M	M	ECN 44154	



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 $< .06F$ 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:

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

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 1/2" INCH 3/4" INCH 1" INCH 2" INCH 3" INCH 4" INCH 5" INCH 6" INCH 8" INCH 10" INCH 12" INCH 14" INCH 16" INCH 18" INCH 20" INCH 24" INCH 30" INCH 36" INCH 42" INCH 48" INCH 54" INCH 60" INCH 72" INCH 84" INCH 96" INCH 108" INCH 120" INCH 144" INCH 168" INCH 192" INCH 216" INCH 240" INCH 264" INCH 288" INCH 312" INCH 336" INCH 360" INCH 384" INCH 408" INCH 432" INCH 456" INCH 480" INCH 504" INCH 528" INCH 552" INCH 576" INCH 600" INCH 624" INCH 648" INCH 672" INCH 696" INCH 720" INCH 744" INCH 768" INCH 792" INCH 816" INCH 840" INCH 864" INCH 888" INCH 912" INCH 936" INCH 960" INCH 984" INCH 1008" INCH 1032" INCH 1056" INCH 1080" INCH 1104" INCH 1128" INCH 1152" INCH 1176" INCH 1200" INCH 1224" INCH 1248" INCH 1272" INCH 1296" INCH 1320" INCH 1344" INCH 1368" INCH 1392" INCH 1416" INCH 1440" INCH 1464" INCH 1488" INCH 1512" INCH 1536" INCH 1560" INCH 1584" INCH 1608" INCH 1632" INCH 1656" INCH 1680" INCH 1704" INCH 1728" INCH 1752" INCH 1776" INCH 1800" INCH 1824" INCH 1848" INCH 1872" INCH 1896" INCH 1920" INCH 1944" INCH 1968" INCH 1992" INCH 2016" INCH 2040" INCH 2064" INCH 2088" INCH 2112" INCH 2136" INCH 2160" INCH 2184" INCH 2208" INCH 2232" INCH 2256" INCH 2280" INCH 2304" INCH 2328" INCH 2352" INCH 2376" INCH 2400" INCH 2424" INCH 2448" INCH 2472" INCH 2496" INCH 2520" INCH 2544" INCH 2568" INCH 2592" INCH 2616" INCH 2640" INCH 2664" INCH 2688" INCH 2712" INCH 2736" INCH 2760" INCH 2784" INCH 2808" INCH 2832" INCH 2856" INCH 2880" INCH 2904" INCH 2928" INCH 2952" INCH 2976" INCH 3000" INCH 3024" INCH 3048" INCH 3072" INCH 3096" INCH 3120" INCH 3144" INCH 3168" INCH 3192" INCH 3216" INCH 3240" INCH 3264" INCH 3288" INCH 3312" INCH 3336" INCH 3360" INCH 3384" INCH 3408" INCH 3432" INCH 3456" INCH 3480" INCH 3504" INCH 3528" INCH 3552" INCH 3576" INCH 3600" INCH 3624" INCH 3648" INCH 3672" INCH 3696" INCH 3720" INCH 3744" INCH 3768" INCH 3792" INCH 3816" INCH 3840" INCH 3864" INCH 3888" INCH 3912" INCH 3936" INCH 3960" INCH 3984" INCH 4008" INCH 4032" INCH 4056" INCH 4080" INCH 4104" INCH 4128" INCH 4152" INCH 4176" INCH 4200" INCH 4224" INCH 4248" INCH 4272" INCH 4296" INCH 4320" INCH 4344" INCH 4368" INCH 4392" INCH 4416" INCH 4440" INCH 4464" INCH 4488" INCH 4512" INCH 4536" INCH 4560" INCH 4584" INCH 4608" INCH 4632" INCH 4656" INCH 4680" INCH 4704" INCH 4728" INCH 4752" INCH 4776" INCH 4800" INCH 4824" INCH 4848" INCH 4872" INCH 4896" INCH 4920" INCH 4944" INCH 4968" INCH 4992" INCH 5016" INCH 5040" INCH 5064" INCH 5088" INCH 5112" INCH 5136" INCH 5160" INCH 5184" INCH 5208" INCH 5232" INCH 5256" INCH 5280" INCH 5304" INCH 5328" INCH 5352" INCH 5376" INCH 5400" INCH 5424" INCH 5448" INCH 5472" INCH 5496" INCH 5520" INCH 5544" INCH 5568" INCH 5592" INCH 5616" INCH 5640" INCH 5664" INCH 5688" INCH 5712" INCH 5736" INCH 5760" INCH 5784" INCH 5808" INCH 5832" INCH 5856" INCH 5880" INCH 5904" INCH 5928" INCH 5952" INCH 5976" INCH 6000" INCH 6024" INCH 6048" INCH 6072" INCH 6096" INCH 6120" INCH 6144" INCH 6168" INCH 6192" INCH 6216" INCH 6240" INCH 6264" INCH 6288" INCH 6312" INCH 6336" INCH 6360" INCH 6384" INCH 6408" INCH 6432" INCH 6456" INCH 6480" INCH 6504" INCH 6528" INCH 6552" INCH 6576" INCH 6600" INCH 6624" INCH 6648" INCH 6672" INCH 6696" INCH 6720" INCH 6744" INCH 6768" INCH 6792" INCH 6816" INCH 6840" INCH 6864" INCH 6888" INCH 6912" INCH