



Chipsmall Limited consists of a professional team with an average of over 10 year of expertise in the distribution of electronic components. Based in Hongkong, we have already established firm and mutual-benefit business relationships with customers from,Europe,America and south Asia,supplying obsolete and hard-to-find components to meet their specific needs.

With the principle of “Quality Parts,Customers Priority,Honest Operation,and Considerate Service”,our business mainly focus on the distribution of electronic components. Line cards we deal with include Microchip,ALPS,ROHM,Xilinx,Pulse,ON,Everlight and Freescale. Main products comprise IC,Modules,Potentiometer,IC Socket,Relay,Connector.Our parts cover such applications as commercial,industrial, and automotives areas.

We are looking forward to setting up business relationship with you and hope to provide you with the best service and solution. Let us make a better world for our industry!



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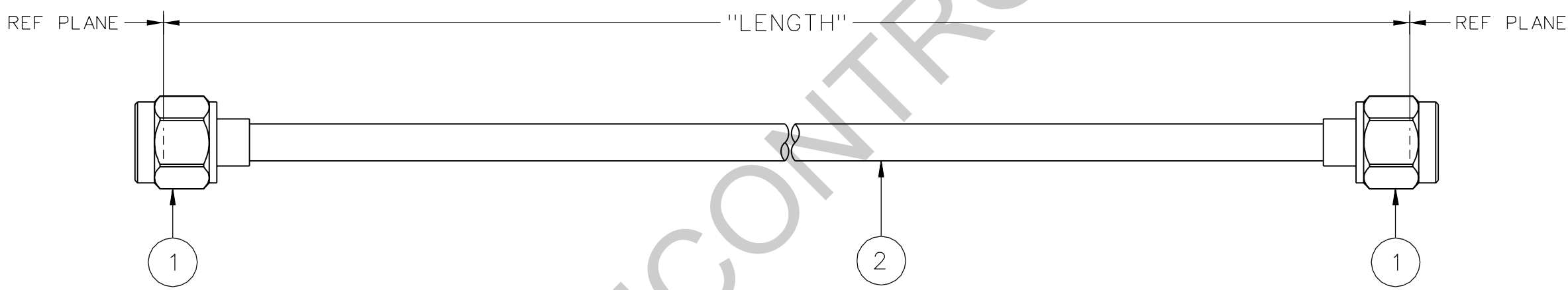
Address: A1208, Overseas Decoration Building, #122 Zhenhua RD., Futian, Shenzhen, China



PART NUMBER	ITEM ① SMA STR SOLDER PLUG	ITEM ② CABLE
415-0082-001/999	BODY - BRASS GOLD PL .00001 MIN OVER NICKEL PL OVER COPPER PL COUPLING NUT - BRASS GOLD PL .00001 MIN OVER NICKEL PL OVER COPPER PL CONTACT - BRASS GOLD PL .00005 MIN OVER NICKEL PL OVER COPPER PL INSULATOR - TEFLON C-SPRING - BERYLLIUM COPPER UNPLATED	.141 CONFORMABLE SHIELD - TIN FILLED COPPER BRAID OVER COPPER FOIL DIELECTRIC- TEFLON CENTER CONDUCTOR - STEEL SILVER PLATED OVER COPPER PLATING

DRAWING NO.		B-415-0082-001/999	
0		REVISIONS	
ENGINEERING RELEASE			
1	9-16-05	RJB JCN JHZ	11-3-05 ECN 49890
VERSION UPDATE			
2	12-9-05	PAT RJB JHZ JCN	12-21-05 ECN 50039
ADD CUSTOMER DRAWING			
3	7-12-06	PAT TAK MJU	8-15-06 ECN 50534
ADDED: 415-0082-036, 415-0082-048			
***** * REVISION NUMBER FOLLOWED BY AN ALPHA * * CHARACTER INDICATES DRAWING CLARIFI- * * CATION OR PART NUMBER ADDITION ONLY. * *****			
3a	3-14-08	PAT RJB MJU RJB JCN	3-17-08 ECN 51415
VERSION UPDATE			
***** * REVISION NUMBER FOLLOWED BY AN ALPHA * * CHARACTER INDICATES DRAWING CLARIFI- * * CATION OR PART NUMBER ADDITION ONLY. * *****			
3b	10-17-08	PAT RJB MJU RJB JCN	10-20-08 ECN 51690

PART NUMBER	"LENGTH"	NOMINAL ELECTRICAL DELAY (nS)	INSERTION LOSS (MAX dB) Vs. FREQUENCY (GHz)						VSWR (MAX) Vs. FREQUENCY f (GHz)		
			0 TO 1	1 TO 2	2 TO 4	4 TO 6	6 TO 12	12 TO 18	0 TO 1	1 TO 2	2 TO 18
415-0082-003	3.00±.05	0.36	0.09	0.13	0.19	0.24	0.34	0.43	1.06	1.10	1.1+.01f
415-0082-004	4.00±.05	0.49	0.10	0.15	0.22	0.27	0.39	0.49			
415-0082-005	5.00±.10	0.61	0.12	0.17	0.24	0.30	0.44	0.56			
415-0082-006	6.00±.10	0.73	0.13	0.18	0.27	0.34	0.49	0.62			
415-0082-007	7.00±.10	0.85	0.14	0.20	0.30	0.37	0.54	0.69			
415-0082-008	8.00±.10	0.97	0.15	0.22	0.32	0.40	0.59	0.75			
415-0082-012	12.00±.15	1.46	0.20	0.29	0.43	0.54	0.79	1.01			
415-0082-018	18.00±.15	2.19	0.27	0.39	0.59	0.74	1.09	1.40			
415-0082-024	24.00±.15	2.92	0.35	0.50	0.75	0.94	1.39	1.79			
415-0082-036	36.00±.20	4.38	0.49	0.71	1.07	1.34	1.99	2.57			
415-0082-048	48.00±.25	5.84	0.64	0.92	1.39	1.74	2.59	3.35			



NOTES:
1. SPECIFICATIONS:
FREQUENCY: 0-18 GHz
VSWR: (SEE P/N BLOCK)
INSERTION LOSS: (SEE P/N BLOCK)
DIELECTRIC WITHSTANDING VOLTAGE: 1500 VRMS
WORKING VOLTAGE: 500 VRMS

TOLERANCE UNLESS OTHERWISE SPECIFIED	DRAWN BY RJB	DATE 8-17-05
DECIMALS _____ mm	CHECKED BY JCN	DATE 9-26-05
.XX _____	APPROVED BY JHZ	DATE 9-27-05
.XXX _____	RELEASE DATE 11-3-05	
MATL _____	U/M INCH	SCALE 2:1
FINISH _____		

cinch Connectivity Solutions
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TITLE
CABLE ASSEMBLY, STR SMA PLUG TO STR SMA PLUG, .141 CONFORMABLE

SHEET 2 OF 2
DRAWING NO. B-415-0082-001/999

CUSTOMER DRAWING
THIS DRAWING TO BE INTERPRETED PER ASME Y 14.5M - 1994
"μSTATION"
COMPANY CONFIDENTIAL