Chipsmall

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!

Contact us

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PART NUMBER CODING

_ _ C _ _ S _ _ N - M _ _ _

MATERIAL (INSULATOR / CONTACT)
(SEE MATERIAL TABLE)

PLATING
ALL PLATINGS HAVE .000050" MIN NICKEL UNDERPLATE

CONTACT SURFACE	TERMINATION
B = .000010" GOLD	.000100" PURE TIN, MATTE
C = .000030" GOLD	.000100" PURE TIN, MATTE
G = .000010" GOLD	.000005" GOLD
E = .000100" PURE TIN, MATTE	
S = .000010" GOLD OVERALL	
M = .000030" GOLD	.000010" GOLD OVERALL

MODIFICATION
OMIT = STANDARD, EXAMPLE: 'RMC22SAAN'
M500 = BROWN PPS (MATERIAL CODE 'R' ONLY)
M594 = WHITE PA9T (MATERIAL CODE 'G' ONLY)

TERMINATION TYPE
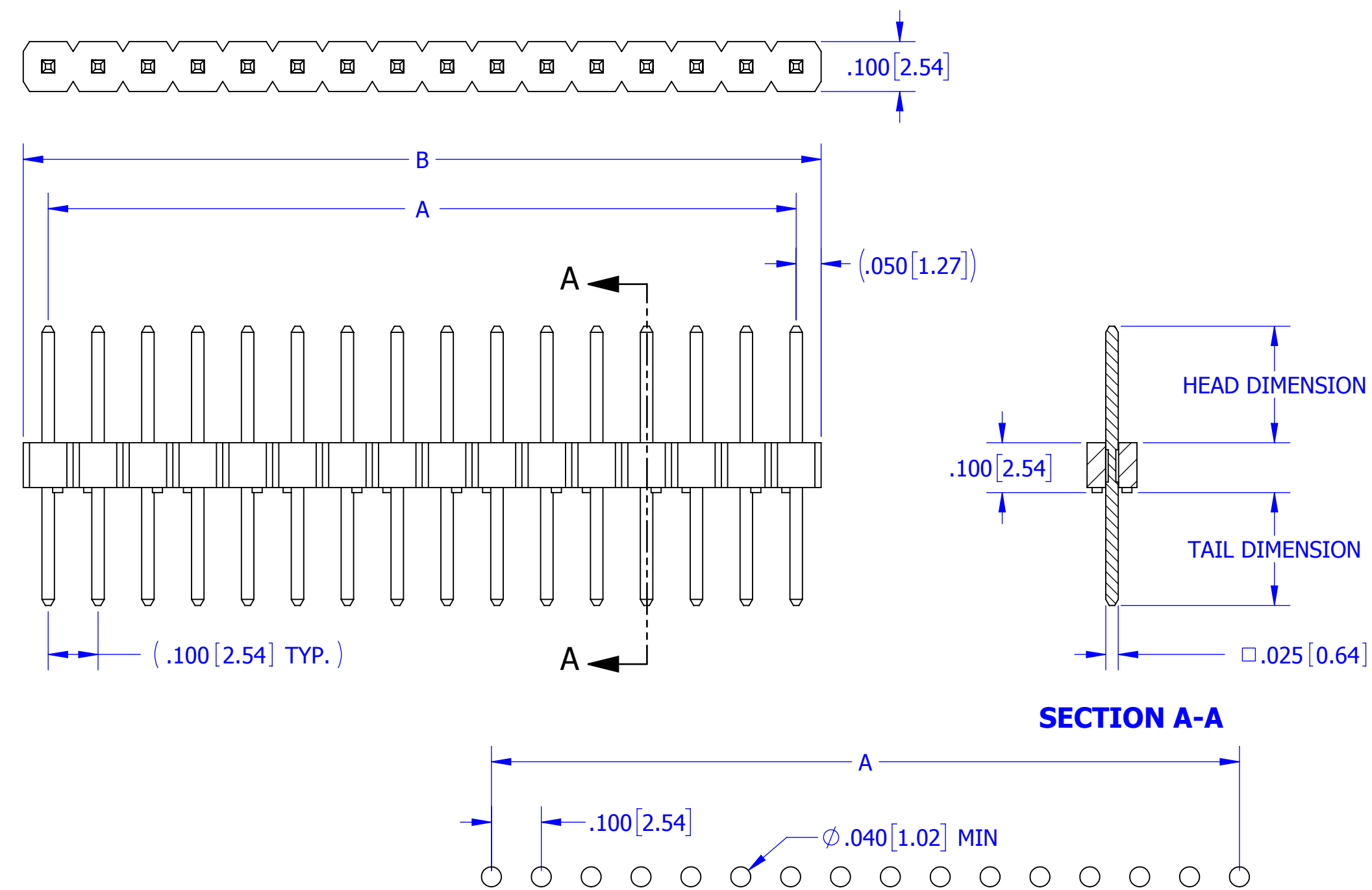
NUMBER OF POSITIONS PER ROW
(01 THRU 36)

MATERIAL TABLE

LETTER CODE	INSULATOR / CONTACT	OPERATING TEMP.	PROCESSING TEMP.	MODIFICATION NUMBER
P	**BLACK PBT / PHOSPHOR BRONZE	-65°C TO +125°C	WAVE/MANUAL SOLDERING	OMIT
G	BLACK PA9T / PHOSPHOR BRONZE	-65°C TO +150°C	260°C MAX FOR 10 SECONDS	OMIT
G	WHITE PA9T / PHOSPHOR BRONZE	-65°C TO +150°C	260°C MAX FOR 10 SECONDS	M594
*R	GREEN PPS / PHOSPHOR BRONZE**	-65°C TO +200°C	260°C MAX FOR 20 SECONDS	OMIT
*R	BROWN PPS / PHOSPHOR BRONZE**	-65°C TO +200°C	260°C MAX FOR 20 SECONDS	M500
*Q	TAN PEEK / PHOSPHOR BRONZE**	-65°C TO +250°C	260°C MAX FOR 20 SECONDS	OMIT

* AVAILABLE WITH OVERALL GOLD PLATING ('M') ONLY
** OR EQUIVALENT

.100[2.54]

B
A
(.050[1.27])

A ◄─

SECTION A-A

HEAD DIMENSION

.100[2.54]

TAIL DIMENSION

□.025[0.64]

A ─►

(.100[2.54] TYP.)

.100[2.54]

PCB LAYOUT RECOMMENDED

.100[2.54]
Ø.040[1.02] MIN

A

	TERMINATION TYPE STRAIGHT	
CODE	HEAD DIMENSION ±.008 [0.20]	TAIL DIMENSION ±.010 [0.25]
AA	.230[5.84]	.120[3.05]
AB	.230[5.84]	.230[5.84]
AC	.230[5.84]	.320[8.13]
AD	.230[5.84]	.420[10.67]
AE	.230[5.84]	.520[13.21]
AF	.230[5.84]	.620[15.75]
AG	.230[5.84]	.720[18.29]
AH	.230[5.84]	.820[20.83]
AI	.230[5.84]	.900[22.86]
AJ	.230[5.84]	1.000[25.40]
AK	.230[5.84]	.035[0.89]
FA	.318[8.08]	.120[3.05]
FB	.318[8.08]	.220[5.59]
FC	.318[8.08]	.320[8.13]
FD	.318[8.08]	.420[10.67]
FE	.318[8.08]	.520[13.21]
FF	.318[8.08]	.620[15.75]
FG	.318[8.08]	.710[18.03]
FH	.318[8.08]	.810[20.57]
FI	.318[8.08]	.910[23.11]
FJ	.318[8.08]	.050[1.27]
ZA	.120[3.05]	.120[3.05]
ZB	.120[3.05]	.095[2.41]
ZC	.120[3.05]	.260[6.60]
ZD	.120[3.05]	.610[15.49]
ZI	.520[13.21]	.110[2.79]
ZJ	.720[18.29]	.110[2.79]
ZO	.820[20.83]	.110[2.79]
ZQ	1.020[25.91]	.110[2.79]
ZR	1.220[30.99]	.110[2.79]

PART NUMBER	A		B	
	INCH	MM	INCH	MM
	±.008	±0.20	±.020	±0.51
_ _ C01S _ _ N	0.000	0.00	0.100	2.54
_ _ C02S _ _ N	0.100	2.54	0.200	5.08
_ _ C03S _ _ N	0.200	5.08	0.300	7.62
_ _ C04S _ _ N	0.300	7.62	0.400	10.16
_ _ C05S _ _ N	0.400	10.16	0.500	12.70
_ _ C06S _ _ N	0.500	12.70	0.600	15.24
_ _ C07S _ _ N	0.600	15.24	0.700	17.78
_ _ C08S _ _ N	0.700	17.78	0.800	20.32
_ _ C09S _ _ N	0.800	20.32	0.900	22.86
_ _ C10S _ _ N	0.900	22.86	1.000	25.40
_ _ C11S _ _ N	1.000	25.40	1.100	27.94
_ _ C12S _ _ N	1.100	27.94	1.200	30.48
_ _ C13S _ _ N	1.200	30.48	1.300	33.02
_ _ C14S _ _ N	1.300	33.02	1.400	35.56
_ _ C15S _ _ N	1.400	35.56	1.500	38.10
_ _ C16S _ _ N	1.500	38.10	1.600	40.64
_ _ C17S _ _ N	1.600	40.64	1.700	43.18
_ _ C18S _ _ N	1.700	43.18	1.800	45.72
_ _ C19S _ _ N	1.800	45.72	1.900	48.26
_ _ C20S _ _ N	1.900	48.26	2.000	50.80
_ _ C21S _ _ N	2.000	50.80	2.100	53.34
_ _ C22S _ _ N	2.100	53.34	2.200	55.88
_ _ C23S _ _ N	2.200	55.88	2.300	58.42
_ _ C24S _ _ N	2.300	58.42	2.400	60.96
_ _ C25S _ _ N	2.400	60.96	2.500	63.50
_ _ C26S _ _ N	2.500	63.50	2.600	66.04
_ _ C27S _ _ N	2.600	66.04	2.700	68.58
_ _ C28S _ _ N	2.700	68.58	2.800	71.12
_ _ C29S _ _ N	2.800	71.12	2.900	73.66
_ _ C30S _ _ N	2.900	73.66	3.000	76.20
_ _ C31S _ _ N	3.000	76.20	3.100	78.74
_ _ C32S _ _ N	3.100	78.74	3.200	81.28
_ _ C33S _ _ N	3.200	81.28	3.300	83.82
_ _ C34S _ _ N	3.300	83.82	3.400	86.36
_ _ C35S _ _ N	3.400	86.36	3.500	88.90
_ _ C36S _ _ N	3.500	88.90	3.600	91.44

CUSTOMER COPY

NOTES:
1. INSULATOR MATERIAL: SEE PART NUMBER CODING
2. CONTACT MATERIAL: SEE PART NUMBER CODING
3. PLATING: SEE PART NUMBER CODING
4. UL FLAMMABILITY RATING: 94V-0
5. DIELECTRIC WITHSTANDING VOLTAGE: 1800 VAC
6. CURRENT RATING: 3 AMPS
7. CONTACT RESISTANCE: 30 MILLIOHMS MAX.
8. INSULATION RESISTANCE: 5000 MEGOHMS MIN.

RoHS COMPLIANT
Pb

UNLESS OTHERWISE SPECIFIED:
DIMENSIONS ARE IN INCHES [MM]

DRAWN / DATE / NAME
9/9/2011 / JH

TOLERANCES:
ANGULAR: ± 1°
DECIMALS
.XX= ± .02 [.5]
.XXX= ± .005 [.13]
.XXXX= ± .0005 [.013]

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SULLINS CONNECTOR SOLUTIONS

TITLE
.100" CC, HEADER, STRAIGHT

PART NUMBER
_ _ C _ _ S _ _ N - (M500,M594)

SIZE	CAGE CODE	DWG. NO.	REV
C	54453	C10436	M

SCALE: 4:1
SHEET 1 OF 1