



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

Tel: +86-755-8981 8866 Fax: +86-755-8427 6832

Email & Skype: info@chipsmall.com Web: www.chipsmall.com

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



**PART NUMBER CODING**

**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: 'RMC22DAAN'  
M500 = BROWN PPS (MATERIAL CODE 'R' ONLY)  
M594 = WHITE PA9T (MATERIAL CODES 'G' ONLY)

**TERMINATION TYPE**

**NUMBER OF POSITIONS PER ROW**

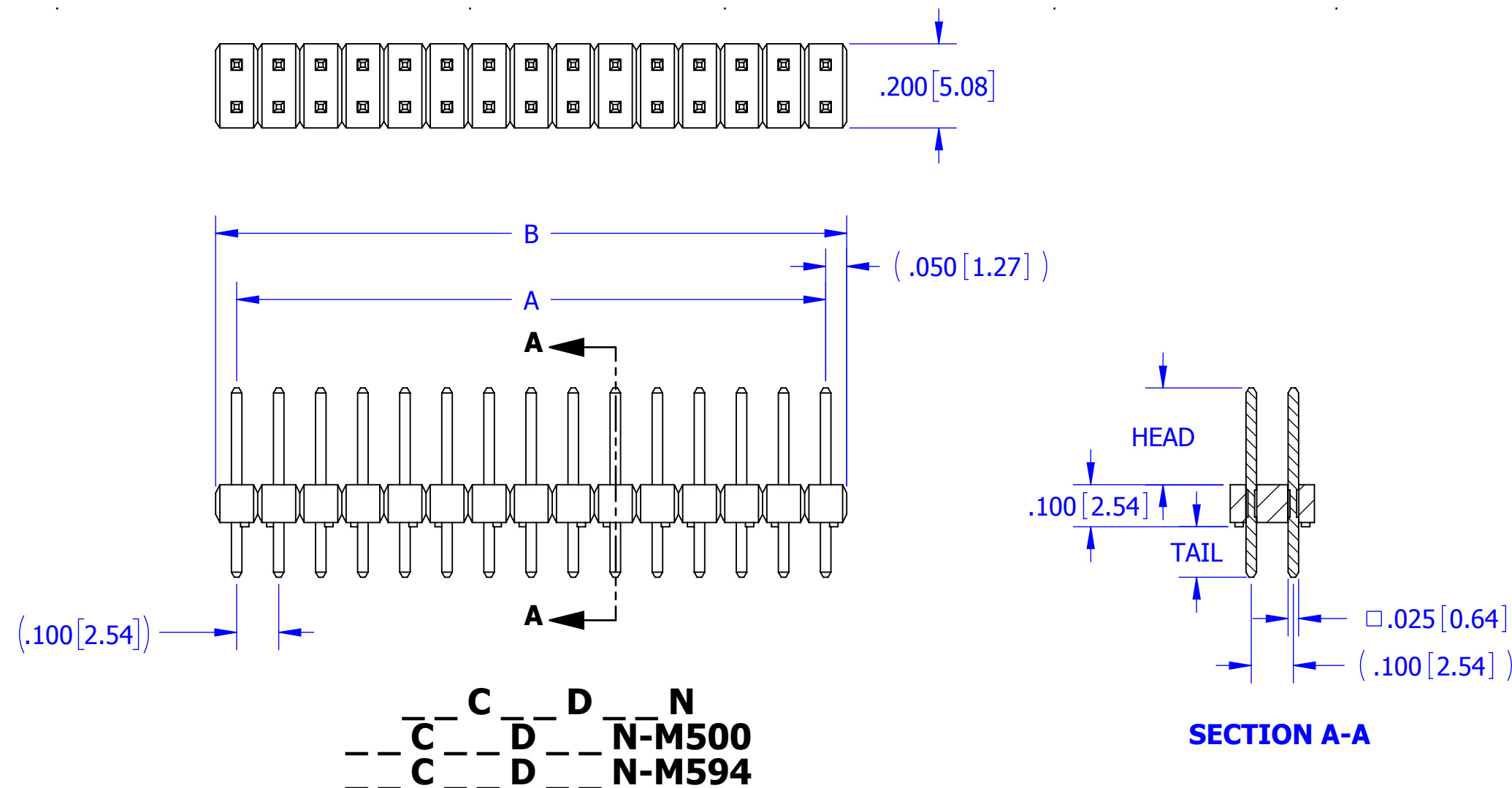
(01 THRU 36)

**MATERIAL TABLE**

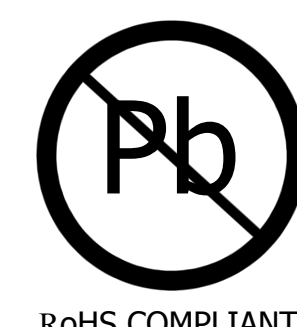
LETTER CODE	INSULATOR / CONTACT	OPERATING TEMP.	PROCESSING TEMP.	MODIFICATION NUMBER
P	**BLACK PBT / PHOSPHOR BRONZE	-65°C TO +125°C	WAVE/MANUAL SOLDERING	OMIT
G	BLACK PA9T / PHOSPHOR BRONZE	-65°C TO +150°C	260°C MAX FOR 10 SECS	OMIT
G	WHITE PA9T / PHOSPHOR BRONZE	-65°C TO +150°C	260°C MAX FOR 10 SECS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

\* AVAILABLE WITH OVERALL GOLD PLATING ('M') ONLY

\*\* OR EQUIVALENT



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



REVISIONS				
REV.	ECO NO.	DESCRIPTION	DATE	BY
K	3749	UPGRADE PBT	1/12/2018	JH

CODE	TERMINATION TYPE	
	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 ±.008	MM ±0.20	INCH ±.020	MM ±0.51
__C01D__N	0.000	0.00	0.100	2.54
__C02D__N	0.100	2.54	0.200	5.08
__C03D__N	0.200	5.08	0.300	7.62
__C04D__N	0.300	7.62	0.400	10.16
__C05D__N	0.400	10.16	0.500	12.70
__C06D__N	0.500	12.70	0.600	15.24
__C07D__N	0.600	15.24	0.700	17.78
__C08D__N	0.700	17.78	0.800	20.32
__C09D__N	0.800	20.32	0.900	22.86
__C10D__N	0.900	22.86	1.000	25.40
__C11D__N	1.000	25.40	1.100	27.94
__C12D__N	1.100	27.94	1.200	30.48
__C13D__N	1.200	30.48	1.300	33.02
__C14D__N	1.300	33.02	1.400	35.56
__C15D__N	1.400	35.56	1.500	38.10
__C16D__N	1.500	38.10	1.600	40.64
__C17D__N	1.600	40.64	1.700	43.18
__C18D__N	1.700	43.18	1.800	45.72
__C19D__N	1.800	45.72	1.900	48.26
__C20D__N	1.900	48.26	2.000	50.80
__C21D__N	2.000	50.80	2.100	53.34
__C22D__N	2.100	53.34	2.200	55.88
__C23D__N	2.200	55.88	2.300	58.42
__C24D__N	2.300	58.42	2.400	60.96
__C25D__N	2.400	60.96	2.500	63.50
__C26D__N	2.500	63.50	2.600	66.04
__C27D__N	2.600	66.04	2.700	68.58
__C28D__N	2.700	68.58	2.800	71.12
__C29D__N	2.800	71.12	2.900	73.66
__C30D__N	2.900	73.66	3.000	76.20
__C31D__N	3.000	76.20	3.100	78.74
__C32D__N	3.100	78.74	3.200	81.28
__C33D__N	3.200	81.28	3.300	83.82
__C34D__N	3.300	83.82	3.400	86.36
__C35D__N	3.400	86.36	3.500	88.90
__C36D__N	3.500	88.90	3.600	91.44

**CUSTOMER COPY**

UNLESS OTHERWISE SPECIFIED: DIMENSIONS ARE IN INCHES [MM]	DRAWN	DATE	NAME	
		9/8/2011	JH	
TOLERANCES:  ANGULAR: ± 1°  DECIMALS .XX=± .02 [.5] .XXX=± .005 [13] .XXXX=± .0005 [013]	THE INFORMATION HEREIN CONTAINS PROPRIETARY INFORMATION OF SULLINS ELECTRONICS AND IS NOT TO BE REPRODUCED, USED OR DISCLOSED TO OTHERS FOR ANY PURPOSE EXCEPT AS SPECIFICALLY AUTHORIZED IN WRITING BY AN OFFICER OF SULLINS ELECTRONICS.			TITLE
				.100" MALE HEADER, STRAIGHT
PART NUMBER				REV
__C__D__N-(M500,M594)				K
SIZE	CAGE CODE	DWG. NO.		
C	54453	C10419		
SCALE: 3:1			SHEET 1 OF 1	