

**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: 'RMC22SAAN'  
 M500 = BROWN PPS (MATERIAL CODE 'R' ONLY)  
 M594 = WHITE PA9T (MATERIAL CODE 'G' ONLY)

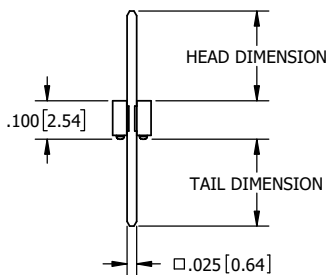
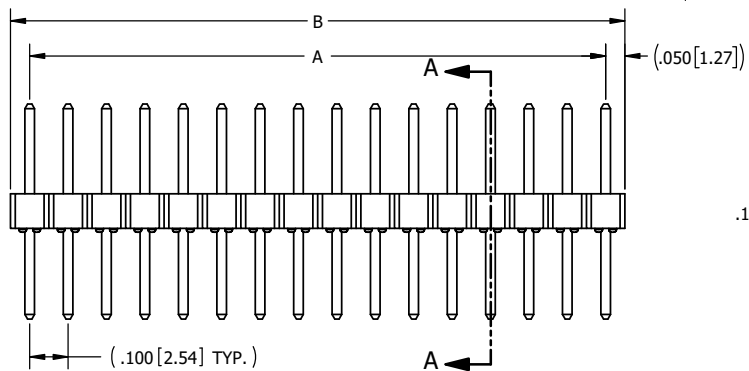
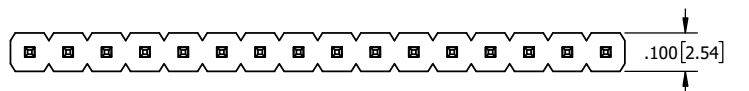
**TERMINATION TYPE**

**NUMBER OF POSITIONS PER ROW**  
(01 THRU 36)

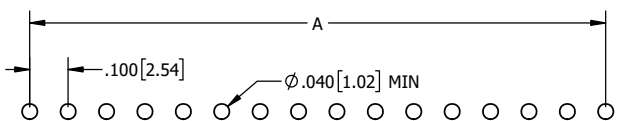
**MATERIAL TABLE**

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



**SECTION A-A**



**PCB LAYOUT RECOMMENDED**

**NOTES:**

- INSULATOR MATERIAL: SEE PART NUMBER CODING
- CONTACT MATERIAL: SEE PART NUMBER CODING
- PLATING: SEE PART NUMBER CODING
- UL FLAMMABILITY RATING: 94V-0
- OPERATING VOLTAGE: 700 VAC
- CURRENT RATING: 3 AMPS
- CONTACT RESISTANCE: 30 MILLIOHMS MAX.
- INSULATION RESISTANCE: 5000 MEGOHMS MIN.



RoHS COMPLIANT

**REVISIONS**

REV.	ECO. NO	DESCRIPTION	DATE	BY
M	3749	UPGRADE PBT ON 36 POSITION, UPDATE NOTCH ON TOP VIEW	1/12/2018	JH
N	4791	INCREASE STANDOFF FROM 1 TO 4, UPDATE NOTE 5	8/2/2024	JH

**TERMINATION TYPE STRAIGHT**

CODE	HEAD DIMENSION ±.008 [0.20]	TAIL DIMENSION ±.010 [0.25]	A		B	
			INCH	MM	INCH	MM
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
_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**

UNLESS OTHERWISE SPECIFIED, DIMENSIONS ARE IN INCHES (MM)		DRAWN	DATE	NAME	
TOLERANCES: ANGULAR: ± 1° DECIMALS .XX = ± .02 [5] .XXX = ± .005 [13] .XXXX = ± .0005 [013]			9/9/2011	JH	
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