

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

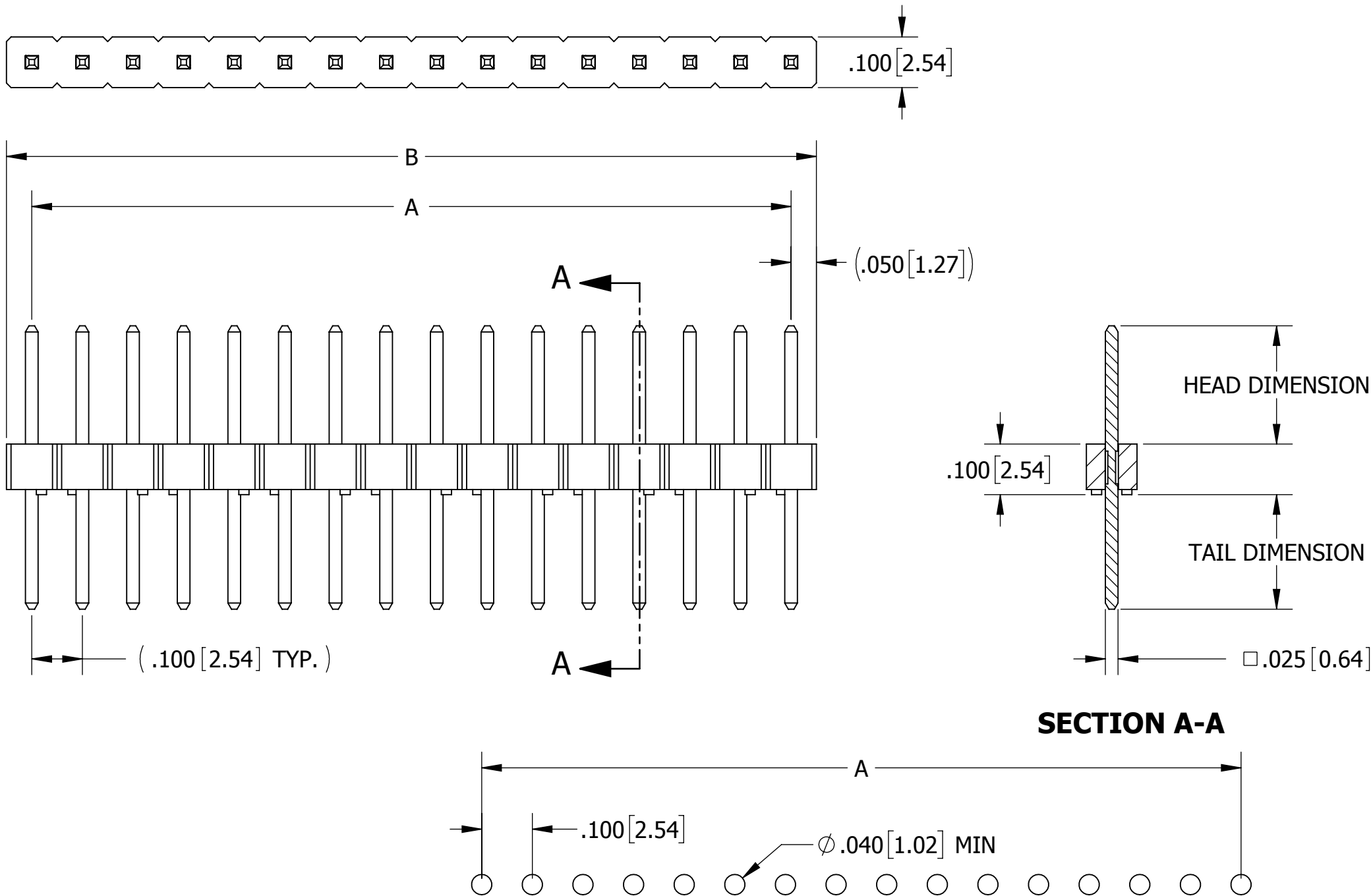
MODIFICATION
OMIT = STANDARD, EXAMPLE: 'RMC22SAAN'
M500 = BROWN PPS (MATERIAL CODE 'R' ONLY)
M594 = WHITE PA9T (MATERIAL CODE 'G' ONLY)

TERMINATION TYPE

NUMBER OF POSITIONS PER ROW
(01 THRU 36)

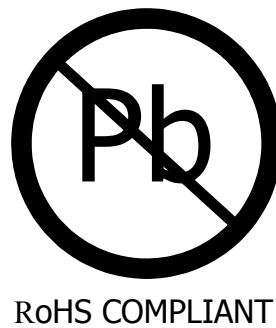
MATERIAL TABLE				
LETTER CODE	INSULATOR / CONTACT	OPERATING TEMP.	PROCESSING TEMP.	MODIFICATION NUMBER
P	**BLACK PBT / PHOSPHOR BRONZE	-65°C TO +125°C	WAVE/MANUAL SOLDERING	OMIT
G	BLACK PA9T / PHOSPHOR BRONZE	-65°C TO +150°C	260°C MAX FOR 10 SECONDS	OMIT
G	WHITE PA9T / PHOSPHOR BRONZE	-65°C TO +150°C	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



PCB LAYOUT RECOMMENDED


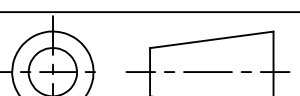
- NOTES:
- INSULATOR MATERIAL: SEE PART NUMBER CODING
 - CONTACT MATERIAL: SEE PART NUMBER CODING
 - PLATING: SEE PART NUMBER CODING
 - UL FLAMMABILITY RATING: 94V-0
 - DIELECTRIC WITHSTANDING VOLTAGE: 1800 VAC
 - CURRENT RATING: 3 AMPS
 - CONTACT RESISTANCE: 30 MILLIOHMS MAX.
 - INSULATION RESISTANCE: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



REVISIONS				
REV.	ECO. NO	DESCRIPTION	DATE	BY
H	3134	UPDATE BOM FOR P MATERIAL CODE	1/14/2015	JHSU
J	3267	ADD PCB LAYOUT TO CUSTOMER COPY	7/20/2015	MG
K	3366	ADD "***OR EQUIVALENT" FOR MATERIAL 'P'	1/7/2016	MG
L	3574	REVISE MATERIAL CODING, UPDATE OPERATING TEMP FOR R MATERIAL, ADD M594 OPTION	5/8/2017	MG

TERMINATION TYPE			A		B	
CODE	HEAD DIMENSION	TAIL DIMENSION	INCH	MM	INCH	MM
			±.008	±0.20	±.020	±0.51
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]				

CUSTOMER COPY

UNLESS OTHERWISE SPECIFIED: DIMENSIONS ARE IN INCHES [MM]	DRAWN	DATE	NAME		
		9/9/2011	JH		
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	ANGULAR: ± 1°				
DECIMALS .XX=± .02 [.5] .XXX=± .005 [.13] .XXXX=± .0005 [.013]			TITLE .100" CC, HEADER, STRAIGHT		
			PART NUMBER __C__S__N - (M500,M594)		
			SIZE C	CAGE CODE 54453	DWG. NO. C10436
SCALE: 4:1			SHEET 1 OF 1		