

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: 'AMC22SAAN'
M500 = BROWN PPS (MATERIAL CODES 'A' AND 'R' ONLY)

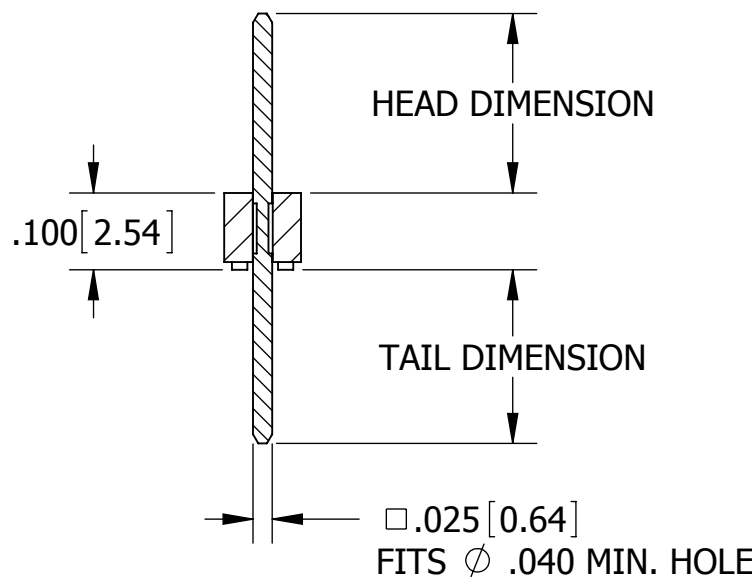
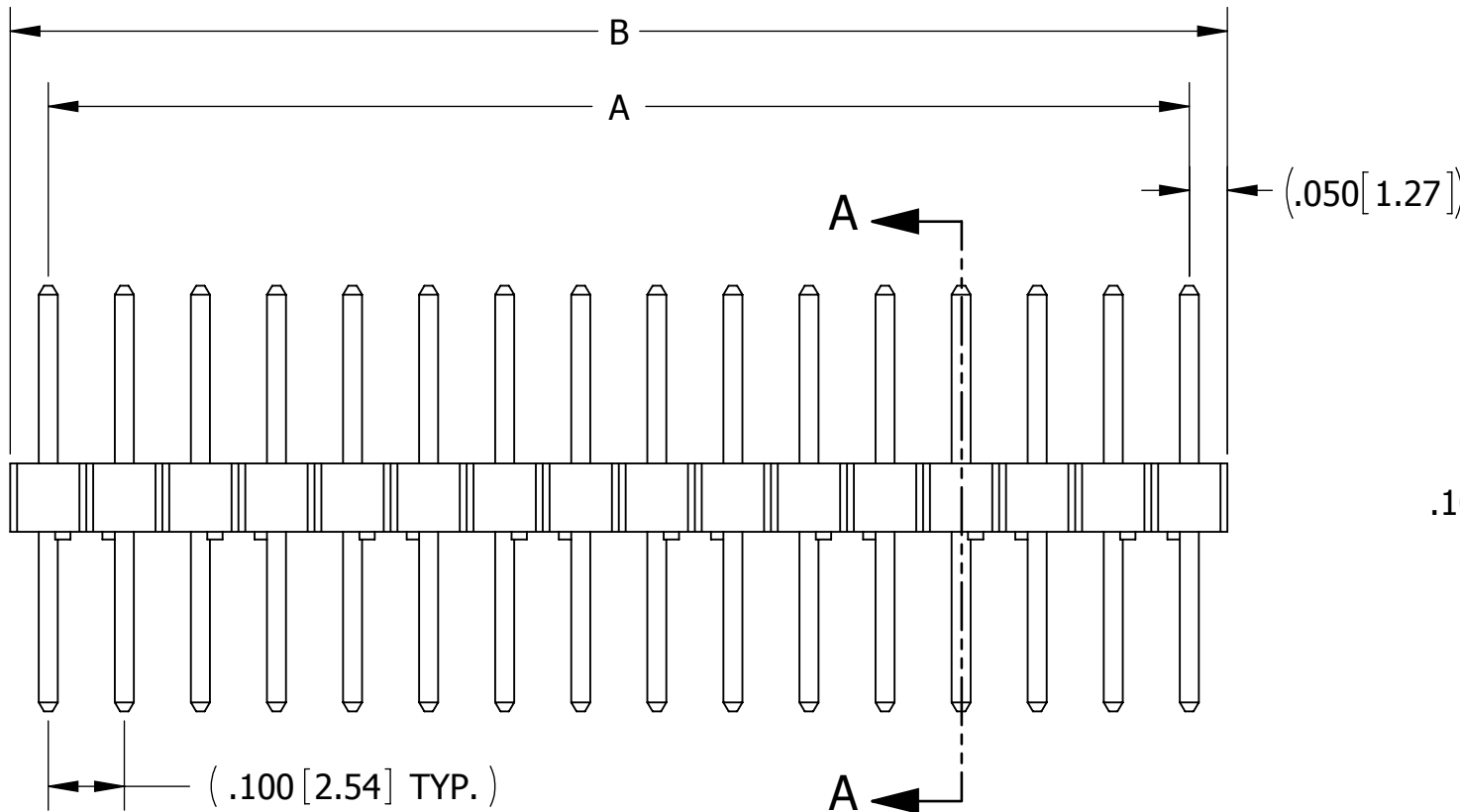
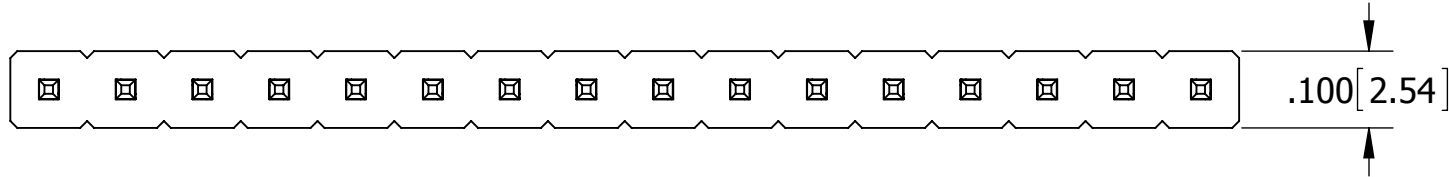
TERMINATION TYPE

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
L	WHITE PA9T / PHOSPHOR BRONZE	-65°C TO +150°C	260°C MAX FOR 10 SECONDS	OMIT
R	GREEN PPS / PHOSPHOR BRONZE	-65°C TO +175°C	260°C MAX FOR 20 SECONDS	OMIT
R	BROWN PPS / PHOSPHOR BRONZE	-65°C TO +175°C	260°C MAX FOR 20 SECONDS	M500
*A	GREEN PPS / BERYLLIUM COPPER	-65°C TO +200°C	260°C MAX FOR 20 SECONDS	OMIT
*A	BROWN PPS / BERYLLIUM COPPER	-65°C TO +200°C	260°C MAX FOR 20 SECONDS	M500
*Y	TAN PEEK / BERYLLIUM COPPER	-65°C TO +250°C	260°C MAX FOR 20 SECONDS	OMIT

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



SECTION A-A

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.

REVISIONS

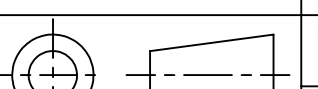
REV.	ECO. NO	DESCRIPTION	DATE	BY
E	2763	ADDED 'G' PLATING & UPDATED OPERATING TEMPERATURE FOR 'R' MATERIAL	4/17/2013	KV
F	2855	CHANGED DEFAULT PPS FROM BLACK COLOR TO GREEN COLOR, REMOVED 'R' MATERIAL OPTION (OFFERED 'A' ONLY FOR 200C APPLICATION), ADD "Y" & "L" MATERIAL / COLOR OPTION	2/25/2014	JH
G	2995	ADD 'R' MATERIAL OPTION FOR 175 C APPLICATION	6/11/2014	JH
H	3134	UPDATE BOM FOR P MATERIAL CODE	1/14/2015	JHSU

TERMINATION TYPE

STRAIGHT

CODE	HEAD DIMENSION ±.008 [0.20]	TAIL DIMENSION ±.010 [0.25]	A		B	
			INCH ±.008	MM ±0.20	INCH ±.020	MM ±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]				
__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		
		9/9/2011	JH		
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ANGULAR: ± 1°				.100" CC, HEADER, STRAIGHT	
DECIMALS .XX= ± .02 [.5] .XXX= ± .005 [.13] .XXXX= ± .0005 [.013]				PART NUMBER	
				__C__S__N - (M500)	
	SIZE	CAGE CODE	DWG. NO.	REV	
	C	54453	C10436	H	
	SCALE: 4:1			SHEET 1 OF 1	