

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 OVERALL
 S = .000010" GOLD OVERALL
 M = .000030" GOLD .000010" GOLD OVERALL

LETTER CODE	INSULATOR / CONTACT	OPERATING TEMP.	PROCESSING TEMP.	MODIFICATION NUMBER
P	**BLACK PBT / PHOSPHOR BRONZE	-65°C TO +125°C	WAVE/MANUAL SOLDERING	M71
G	BLACK PA9T / PHOSPHOR BRONZE	-65°C TO +150°C	260°C MAX FOR 10 SECS	M71
G	WHITE PA9T / PHOSPHOR BRONZE	-65°C TO +150°C	260°C MAX FOR 10 SECS	M595
*R	GREEN PPS / PHOSPHOR BRONZE**	-65°C TO +200°C	260°C MAX FOR 20 SECS	M71
*R	BROWN PPS / PHOSPHOR BRONZE**	-65°C TO +200°C	260°C MAX FOR 20 SECS	M509
*Q	TAN PEEK / PHOSPHOR BRONZE**	-65°C TO +250°C	260°C MAX FOR 20 SECS	M71

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

PART NUMBER CODING

C D N-M

MODIFICATION

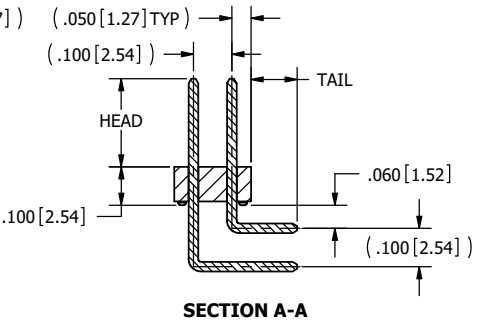
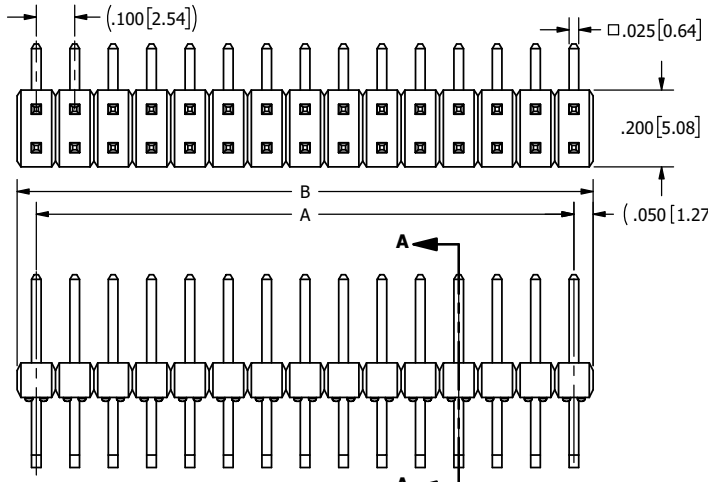
M71 = .200"[5.08] INSULATOR WIDTH, TAIL LENGTH .020"[0.51] LONGER THAN STANDARD.
 M509 = SAME AS M71 WITH BROWN PPS (MATERIAL CODE 'R' ONLY)
 M595 = SAME AS M71 WITH WHITE PA9T (MATERIAL CODE 'G' ONLY)

TERMINATION TYPE

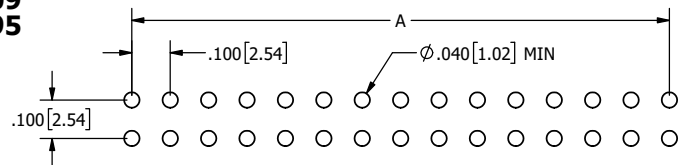
NUMBER OF POSITIONS PER ROW
(01 THRU 36)

TERMINATION TYPE RIGHT ANGLE BEND		
CODE	HEAD DIMENSION	TAIL DIMENSION
	±.008[0.20]	±.025[0.64]
BA	.230[5.84]	.120[3.05]
BB	.230[5.84]	.220[5.59]
BC	.230[5.84]	.320[8.13]
BD	.230[5.84]	.420[10.67]
BE	.230[5.84]	.520[13.21]
BH	.230[5.84]	.820[20.83]
BI	.230[5.84]	.920[23.37]
BJ	.230[5.84]	1.020[25.91]
GA	.318[8.08]	.120[3.05]
GB	.318[8.08]	.220[5.59]
GE	.318[8.08]	.620[15.75]
GF	.318[8.08]	.820[20.83]

PART NUMBER	A		B	
	INCH	MM	INCH	MM
	±.008	±0.20	±.020	±0.51
C01D N-M	0.000	0.00	0.100	2.54
C02D N-M	0.100	2.54	0.200	5.08
C03D N-M	0.200	5.08	0.300	7.62
C04D N-M	0.300	7.62	0.400	10.16
C05D N-M	0.400	10.16	0.500	12.70
C06D N-M	0.500	12.70	0.600	15.24
C07D N-M	0.600	15.24	0.700	17.78
C08D N-M	0.700	17.78	0.800	20.32
C09D N-M	0.800	20.32	0.900	22.86
C10D N-M	0.900	22.86	1.000	25.40
C11D N-M	1.000	25.40	1.100	27.94
C12D N-M	1.100	27.94	1.200	30.48
C13D N-M	1.200	30.48	1.300	33.02
C14D N-M	1.300	33.02	1.400	35.56
C15D N-M	1.400	35.56	1.500	38.10
C16D N-M	1.500	38.10	1.600	40.64
C17D N-M	1.600	40.64	1.700	43.18
C18D N-M	1.700	43.18	1.800	45.72
C19D N-M	1.800	45.72	1.900	48.26
C20D N-M	1.900	48.26	2.000	50.80
C21D N-M	2.000	50.80	2.100	53.34
C22D N-M	2.100	53.34	2.200	55.88
C23D N-M	2.200	55.88	2.300	58.42
C24D N-M	2.300	58.42	2.400	60.96
C25D N-M	2.400	60.96	2.500	63.50
C26D N-M	2.500	63.50	2.600	66.04
C27D N-M	2.600	66.04	2.700	68.58
C28D N-M	2.700	68.58	2.800	71.12
C29D N-M	2.800	71.12	2.900	73.66
C30D N-M	2.900	73.66	3.000	76.20
C31D N-M	3.000	76.20	3.100	78.74
C32D N-M	3.100	78.74	3.200	81.28
C33D N-M	3.200	81.28	3.300	83.82
C34D N-M	3.300	83.82	3.400	86.36
C35D N-M	3.400	86.36	3.500	88.90
C36D N-M	3.500	88.90	3.600	91.44



-- C -- D -- N-M71
 -- C -- D -- N-M509
 -- C -- D -- N-M595



PCB LAYOUT RECOMMENDED

- 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.
 9. MODIFICATION: SEE PART NUMBER CODING.
- MATES WITH SULLINS RIGHT ANGLE FEMALE HEADER.



RoHS COMPLIANT

UNLESS OTHERWISE SPECIFIED:
 DIMENSIONS ARE IN INCHES (MM)

TOLERANCES:
 ANGULAR: ± 1°

DECIMALS
 .XX = ± .02 [5]
 .XXX = ± .005 [13]
 .XXXX = ± .0005 [013]

DRAWN	DATE	NAME	
	9/9/2011	JH	
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			.100" MALE HEADER
			PART NUMBER
			C D N-M71, M509, M595
SIZE	CAGE CODE	DWG. NO.	REV
C	54453	C11028	K
SCALE: 4:1			SHEET 1 OF 1

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