

PART NUMBER CODING

C S -M30RC

MOUNTING STYLES

C - SMT, SINGLE ROW MALE, PIN 1 (STANDARD)
D - SMT, SINGLE ROW MALE, PIN 1 (OPPOSITE BEND)

TERMINATION TYPE

NUMBER OF POSITIONS

(CONTACTS PER ROW, 003 THRU 040)

PLATING

(ALL PLATINGS HAVE .000030" ~ .000050" MIN NICKEL UNDERPLATE)

CONTACT SURFACE TERMINATION

B = .000010" GOLD .000100" PURE TIN, MATTE

C = .000030" GOLD .000100" PURE TIN, MATTE

E = TIN OVERALL

P = GOLD FLASH OVERALL

INSULATOR / CONTACT MATERIAL

NR = NYLON 6T / BRASS

OPERATING TEMPERATURE: -40° C TO +105° C.

PROCESSING TEMP: 230°C FOR 60 SECS MAX

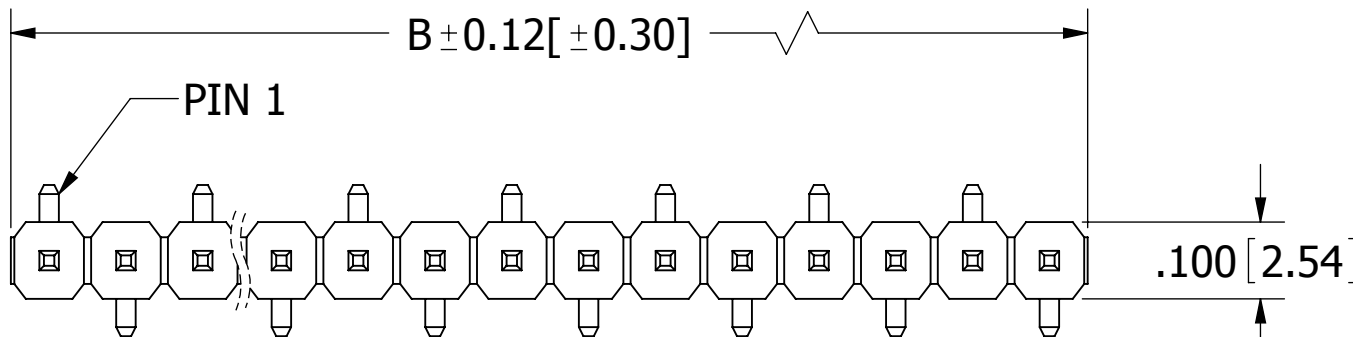
(260°C FOR 10 SECS MAX)

GR = NYLON 9T / BRASS

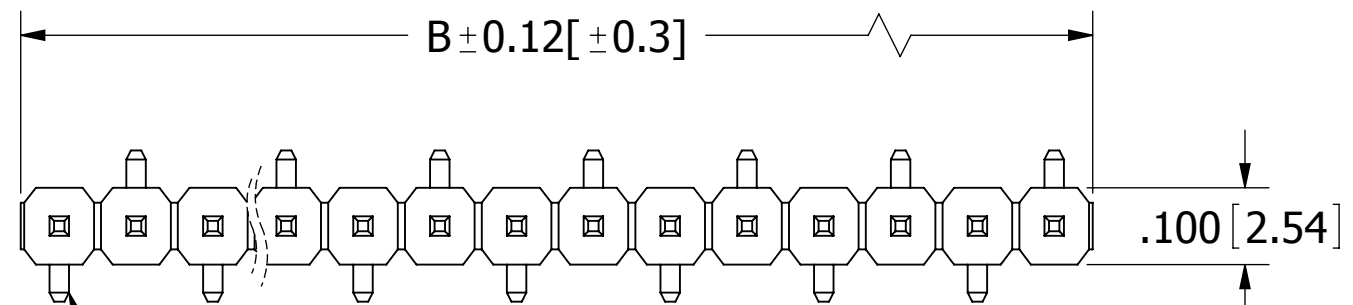
OPERATING TEMPERATURE: -40° C TO +105° C.

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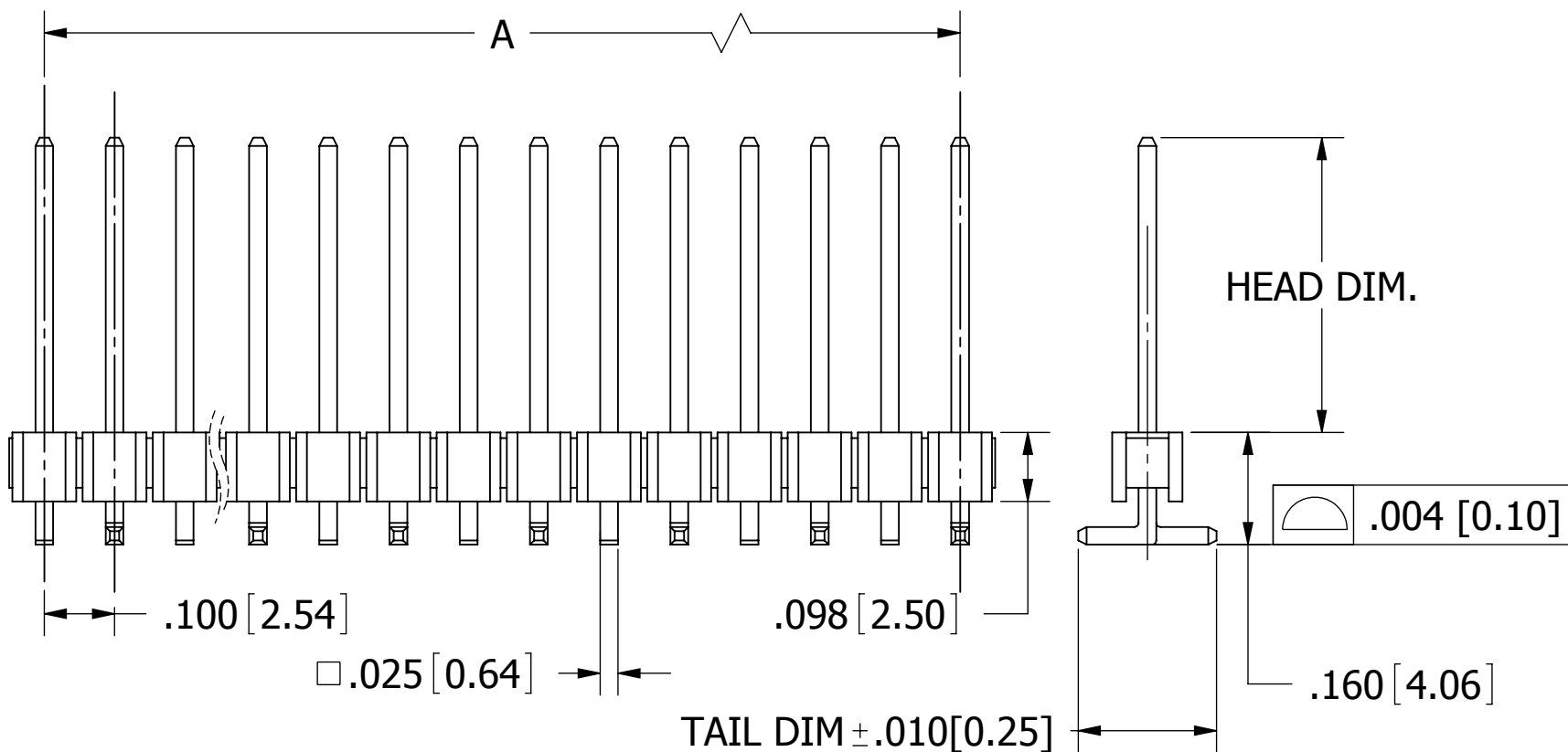
(260°C FOR 10 SECS MAX)



-R_C_-S_C-M30RC
(STANDARD)



R_C_S_D-M30RC
(OPPOSITE BEND, ONLY APPLICABLE ON EVEN PIN COUNTS)

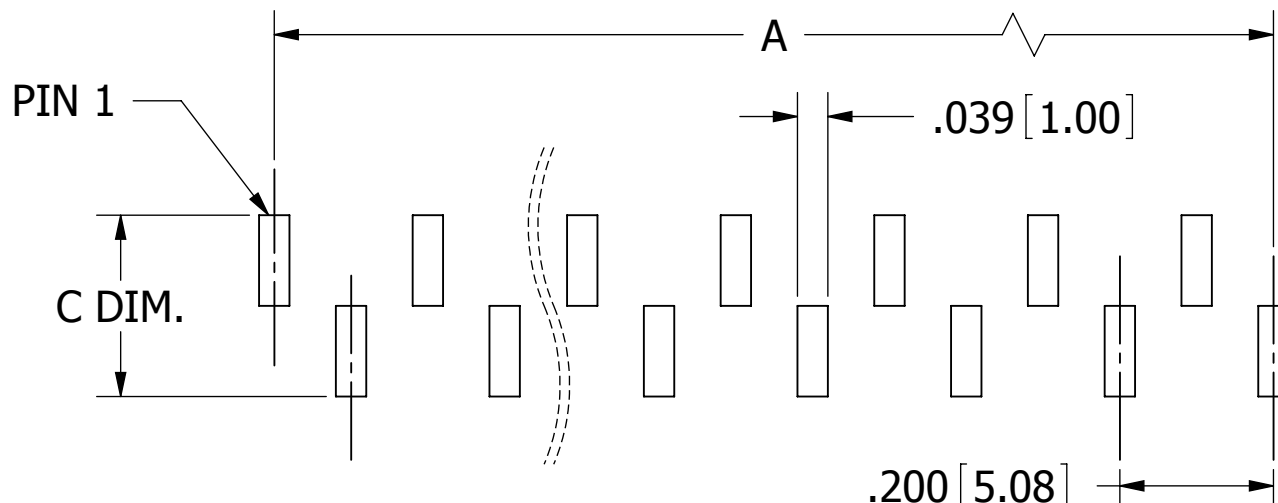


NOTES:

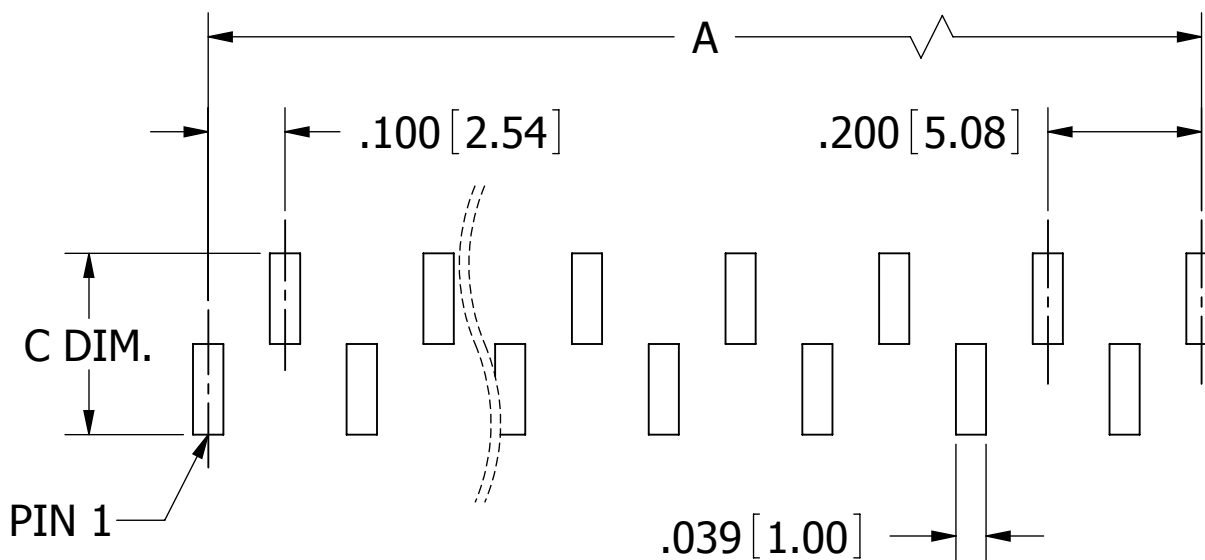
1. INSULATOR MATERIAL: SEE PART NUMBER CODING, UL 94V-0, BLACK.
2. CONTACT MATERIAL: SEE PART NUMBER CODING.
3. CONTACT PLATING: SEE PART NUMBER CODING.
4. CURRENT RATING: 3 AMPS PER CONTACT.
5. INSULATOR RESISTANCE: 5000 MEGOHMS MIN.
6. CONTACT RESISTANCE: 20 MILLIOHMS MAX.
7. DIELECTRIC WITHSTANDING: 1000 VAC.
8. OPERATING TEMPERATURE: SEE PART NUMBER CODING.
9. *PROCESSING TEMP.: SEE PART NUMBER CODING.

*INDICATED TEMPERATURE AND TIME IS FOR COMPONENT INSULATOR. HIGHER PROCESSING TEMPERATURES MAY BE USED, PROVIDED HEAT IS APPLIED FROM BACK SIDE OF PCB, AND INSULATOR DOES NOT EXCEED INDICATED TEMPERATURE AND TIME.

TERMINATION TYPE						
CODE	HEAD DIM		TAIL DIM		C DIM	
	INCH	MM	INCH	MM	INCH	MM
AB	0.230	5.84	0.320	8.13	0.359	9.13
FB	0.318	8.08	0.300	7.62	0.339	8.62
ZS	0.120	3.05	0.200	5.08	0.239	6.08
ZT	0.420	10.67	0.200	5.08	0.239	6.08

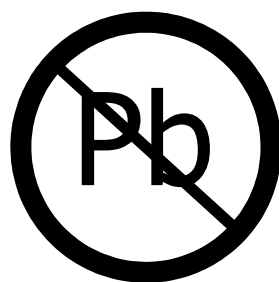


RECOMMEND PCB LAYOUT
-R_C_-S_C-M30RC
(STANDARD)



RECOMMEND PCB LAYOUT
-R_C_-S_D-M30RC
(OPPOSITE BEND)

PART NUMBER		A		B	
		INCH	MM	INCH	MM
__C003S__	__-M30RC	0.200	5.08	0.300	7.62
__C004S__	__-M30RC	0.300	7.62	0.400	10.16
__C005S__	__-M30RC	0.400	10.16	0.500	12.70
__C006S__	__-M30RC	0.500	12.70	0.600	15.24
__C007S__	__-M30RC	0.600	15.24	0.700	17.78
__C008S__	__-M30RC	0.700	17.78	0.800	20.32
__C009S__	__-M30RC	0.800	20.32	0.900	22.86
__C010S__	__-M30RC	0.900	22.86	1.000	25.40
__C011S__	__-M30RC	1.000	25.40	1.100	27.94
__C012S__	__-M30RC	1.100	27.94	1.200	30.48
__C013S__	__-M30RC	1.200	30.48	1.300	33.02
__C014S__	__-M30RC	1.300	33.02	1.400	35.56
__C015S__	__-M30RC	1.400	35.56	1.500	38.10
__C016S__	__-M30RC	1.500	38.10	1.600	40.64
__C017S__	__-M30RC	1.600	40.64	1.700	43.18
__C018S__	__-M30RC	1.700	43.18	1.800	45.72
__C019S__	__-M30RC	1.800	45.72	1.900	48.26
__C020S__	__-M30RC	1.900	48.26	2.000	50.80
__C021S__	__-M30RC	2.000	50.80	2.100	53.34
__C022S__	__-M30RC	2.100	53.34	2.200	55.88
__C023S__	__-M30RC	2.200	55.88	2.300	58.42
__C024S__	__-M30RC	2.300	58.42	2.400	60.96
__C025S__	__-M30RC	2.400	60.96	2.500	63.50
__C026S__	__-M30RC	2.500	63.50	2.600	66.04
__C027S__	__-M30RC	2.600	66.04	2.700	68.58
__C028S__	__-M30RC	2.700	68.58	2.800	71.12
__C029S__	__-M30RC	2.800	71.12	2.900	73.66
__C030S__	__-M30RC	2.900	73.66	3.000	76.20
__C031S__	__-M30RC	3.000	76.20	3.100	78.74
__C032S__	__-M30RC	3.100	78.74	3.200	81.28
__C033S__	__-M30RC	3.200	81.28	3.300	83.82
__C034S__	__-M30RC	3.300	83.82	3.400	86.36
__C035S__	__-M30RC	3.400	86.36	3.500	88.90
__C036S__	__-M30RC	3.500	88.90	3.600	91.44
__C037S__	__-M30RC	3.600	91.44	3.700	93.98
__C038S__	__-M30RC	3.700	93.98	3.800	96.52
__C039S__	__-M30RC	3.800	96.52	3.900	99.06
__C040S__	__-M30RC	3.900	99.06	4.000	101.60



RoHS COMPLIANT

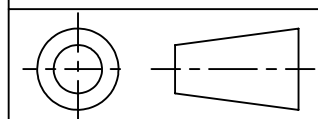
UNLESS OTHERWISE SPECIFIED:
DIMENSIONS ARE IN INCHES [MM]

TOLERANCES: ANGULAR:
XX= ± .012 [.30]
XXX= ± .008 [.20]
XXXX= ± .0040 [.100]

INTERPRET DIMENSIONS AND
TOLERANCING
PER: ASME Y14.5M-2009

DRAWN DATE NAME
03/22/2011 LH

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SULLINS
CONNECTOR SOLUTIONS

TITLE
HEADER MALE .100"[2.54mm]PITCH, SMT
PART NUMBER

__R_C_-S_-M30RC

SIZE CAGE CODE DWG. NO. REV
C 54453 11657 B

SCALE: 4:1 SHEET 1 OF 1