

PART NUMBER CODING

INSULATOR / CONTACT MATERIAL

PR = PBT / BRASS
OPERATING TEMPERATURE: -40° C TO +105° C.
PROCESSING TEMP: WAVE/MANUAL SOLDERING ONLY.

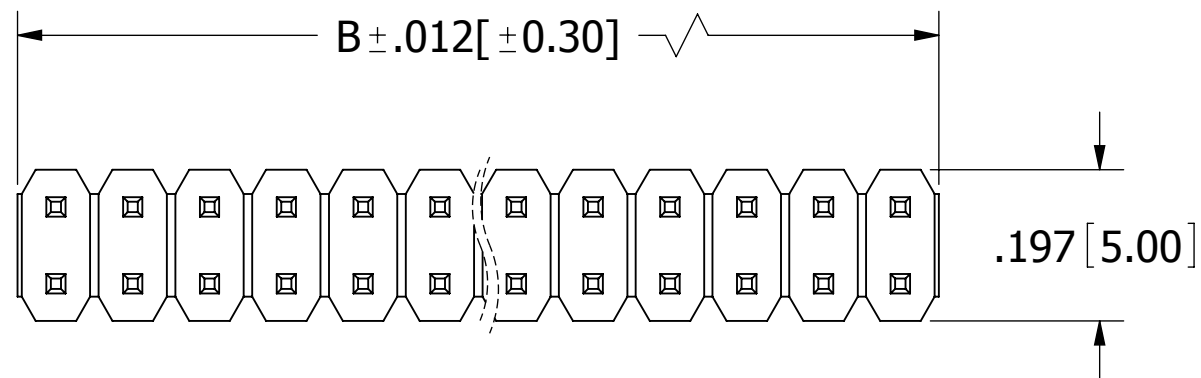
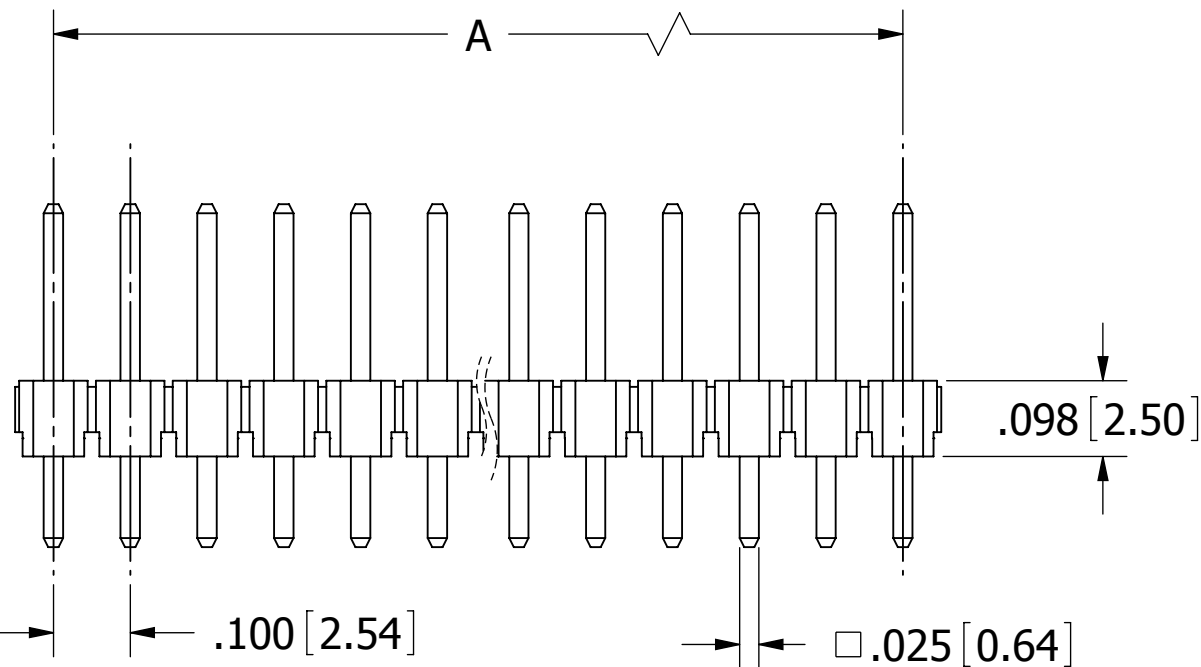
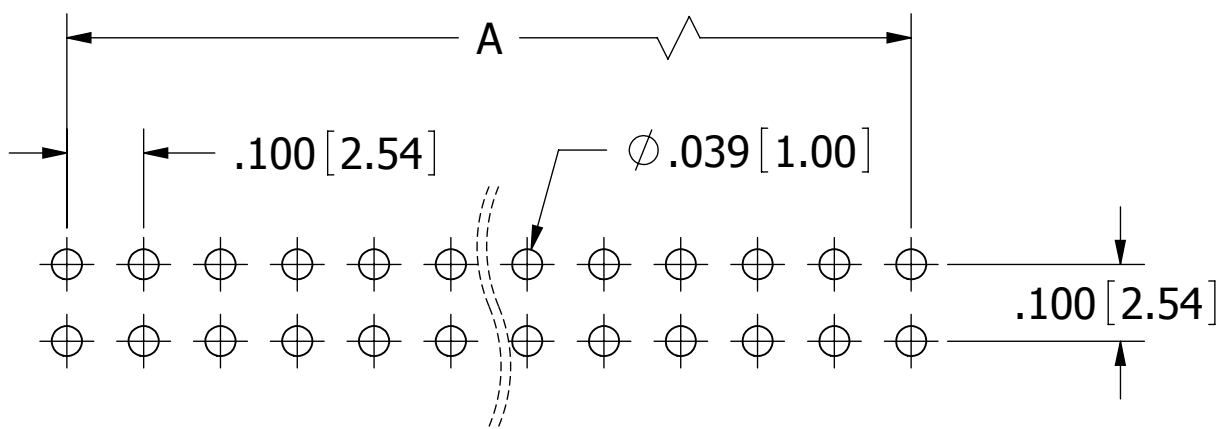
NR = NYLON 6T / BRASS
OPERATING TEMPERATURE: -40° C TO +105° C.
PROCESSING TEMP: WAVE/MANUAL SOLDERING ONLY.

LR = LCP / BRASS
OPERATING TEMPERATURE: -40° C TO +125° C.
PROCESSING TEMP: 230°C MAX FOR 60 SECS
(260°C MAX FOR 10 SECS)

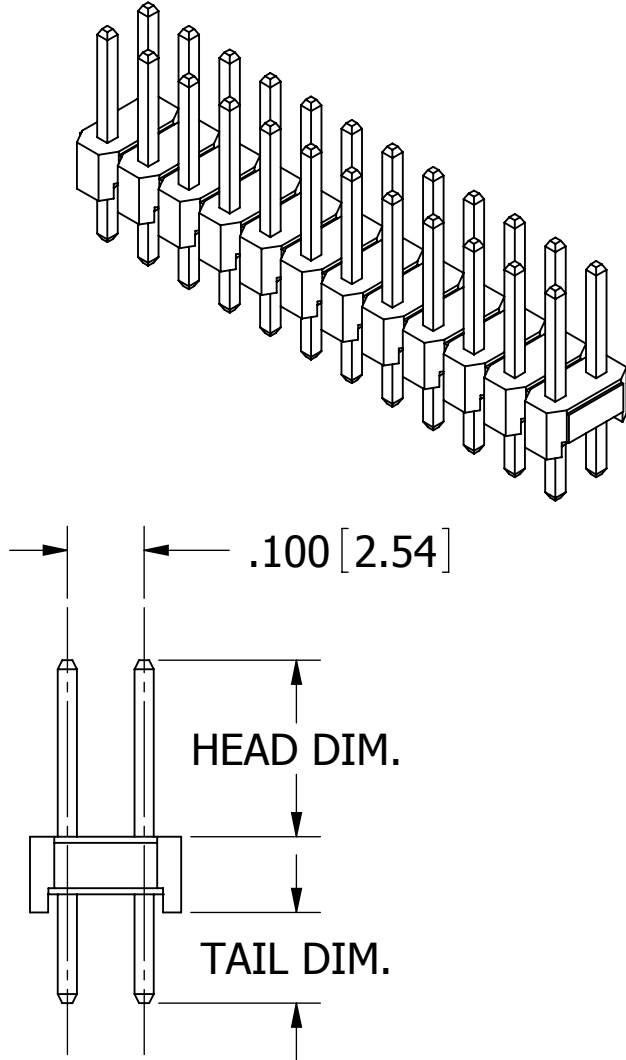
C D N-RC
TERMINATION TYPE

NUMBER OF POSITIONS
(CONTACTS PER ROW, 001 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



RECOMMENDER PCB LAYOUT

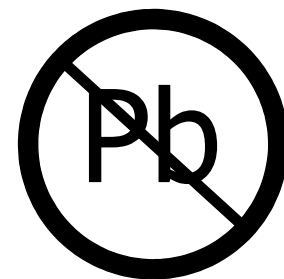


REVISIONS				
REV.	ECO. NO	DESCRIPTION	DATE	BY
D	2668	ADD 'LCP' MATERIAL AND REMOVE 'NYLON 9T'	09/06/2012	LH
E	2828	UPDATE LCP OPERATING TEMP TO -40° C TO +125° C (WAS -40° C TO +105° C), UPDATE PROCESSING TEMPERATURE FOR NYLON 6T MATERIAL (OBSOLETE DWG 11252)	04/09/2015	LH
F	3542	ADD 001-POSITION ON DIMENSION TABLE	10/21/2016	LH

TERMINATION TYPE					PART NUMBER	A		B	
CODE	HEAD DIM		TAIL DIM			INCH	MM	INCH	MM
	INCH	MM	INCH	MM	__C001D__N-RC	NA	NA	0.100	2.54
AA	0.230	5.84	0.120	3.05	__C002D__N-RC	0.100	2.54	0.200	5.08
AB	0.230	5.84	0.230	5.84	__C003D__N-RC	0.200	5.08	0.300	7.62
AC	0.230	5.84	0.320	8.13	__C004D__N-RC	0.300	7.62	0.400	10.16
AD	0.230	5.84	0.420	10.67	__C005D__N-RC	0.400	10.16	0.500	12.70
AE	0.230	5.84	0.520	13.21	__C006D__N-RC	0.500	12.70	0.600	15.24
AF	0.230	5.84	0.620	15.75	__C007D__N-RC	0.600	15.24	0.700	17.78
AG	0.230	5.84	0.720	18.29	__C008D__N-RC	0.700	17.78	0.800	20.32
AH	0.230	5.84	0.820	20.83	__C009D__N-RC	0.800	20.32	0.900	22.86
AI	0.230	5.84	0.900	22.86	__C010D__N-RC	0.900	22.86	1.000	25.40
AJ	0.230	5.84	1.000	25.40	__C011D__N-RC	1.000	25.40	1.100	27.94
AK	0.230	5.84	0.035	0.89	__C012D__N-RC	1.100	27.94	1.200	30.48
					__C013D__N-RC	1.200	30.48	1.300	33.02
					__C014D__N-RC	1.300	33.02	1.400	35.56
					__C015D__N-RC	1.400	35.56	1.500	38.10
FA	0.318	8.08	0.120	3.05	__C016D__N-RC	1.500	38.10	1.600	40.64
FB	0.318	8.08	0.220	5.59	__C017D__N-RC	1.600	40.64	1.700	43.18
FC	0.318	8.08	0.320	8.13	__C018D__N-RC	1.700	43.18	1.800	45.72
FD	0.318	8.08	0.420	10.67	__C019D__N-RC	1.800	45.72	1.900	48.26
FE	0.318	8.08	0.520	13.21	__C020D__N-RC	1.900	48.26	2.000	50.80
FF	0.318	8.08	0.620	15.75	__C021D__N-RC	2.000	50.80	2.100	53.34
FG	0.318	8.08	0.710	18.03	__C022D__N-RC	2.100	53.34	2.200	55.88
FH	0.318	8.08	0.810	20.57	__C023D__N-RC	2.200	55.88	2.300	58.42
FI	0.318	8.08	0.910	23.11	__C024D__N-RC	2.300	58.42	2.400	60.96
FJ	0.318	8.08	0.050	1.27	__C025D__N-RC	2.400	60.96	2.500	63.50
					__C026D__N-RC	2.500	63.50	2.600	66.04
					__C027D__N-RC	2.600	66.04	2.700	68.58
ZA	0.120	3.05	0.120	3.05	__C028D__N-RC	2.700	68.58	2.800	71.12
ZB	0.120	3.05	0.095	2.41	__C029D__N-RC	2.800	71.12	2.900	73.66
ZC	0.120	3.05	0.260	6.60	__C030D__N-RC	2.900	73.66	3.000	76.20
ZD	0.120	3.05	0.610	15.49	__C031D__N-RC	3.000	76.20	3.100	78.74
ZI	0.520	13.21	0.110	2.79	__C032D__N-RC	3.100	78.74	3.200	81.28
ZJ	0.720	18.29	0.110	2.79	__C033D__N-RC	3.200	81.28	3.300	83.82
ZO	0.820	20.83	0.110	2.79	__C034D__N-RC	3.300	83.82	3.400	86.36
ZQ	1.020	25.91	0.110	2.79	__C035D__N-RC	3.400	86.36	3.500	88.90
ZR	1.220	30.99	0.110	2.79	__C036D__N-RC	3.500	88.90	3.600	91.44
					__C037D__N-RC	3.600	91.44	3.700	93.98
					__C038D__N-RC	3.700	93.98	3.800	96.52
					__C039D__N-RC	3.800	96.52	3.900	99.06
					__C040D__N-RC	3.900	99.06	4.000	101.60

NOTES:

- INSULATOR MATERIAL: SEE PART NUMBER CODING, UL 94V-0, BLACK.
- CONTACT MATERIAL: SEE PART NUMBER CODING.
- CONTACT PLATING: SEE PART NUMBER CODING.
- CURRENT RATING: 3 AMPS.
- INSULATOR RESISTANCE: 5000 MEGOHMS MIN.
- CONTACT RESISTANCE: 20 MILLIOHMS MAX.
- DIELECTRIC WITHSTANDING: 1000 VAC.
- OPERATING TEMPERATURE: SEE PART NUMBER CODING.



RoHS COMPLIANT

UNLESS OTHERWISE SPECIFIED: DIMENSIONS ARE IN INCHES [MM]		DRAWN	DATE	NAME		
TOLERANCES:			03/22/2011	LH		
ANGULAR:		THE INFORMATION HEREIN CONTAINS PROPRIETARY INFORMATION OF SULLINS ELECTRONICS AND IS NOT TO BE REPRODUCED, USED OR DISCLOSED TO OTHERS FOR ANY PURPOSE EXCEPT AS SPECIFICALLY AUTHORIZED IN WRITING BY AN OFFICER OF SULLINS ELECTRONICS.			TITLE HEADER .100" PITCH, 2 ROWS, STRAIGHT	
DECIMALS .XX=± .012 [.3] .XXX=± .008 [.20] .XXXX=± .0040 [.100]					PART NUMBER __R__C__D__N-RC	
		SIZE	CAGE CODE	DWG. NO.	REV	
		C	54453	11636	F	
		SCALE: 4:1			SHEET 1 OF 1	