

POSITIONS/ CONTACTS	A		B	
	INCH	MM	INCH	MM
02/02	0.079	2.00	0.173	4.40
03/03	0.157	4.00	0.252	6.40
04/04	0.236	6.00	0.331	8.40
05/05	0.315	8.00	0.409	10.40
06/06	0.394	10.00	0.488	12.40
07/07	0.472	12.00	0.567	14.40
08/08	0.551	14.00	0.646	16.40
09/09	0.630	16.00	0.724	18.40
10/10	0.709	18.00	0.803	20.40
11/11	0.787	20.00	0.882	22.40
12/12	0.866	22.00	0.961	24.40
13/13	0.945	24.00	1.039	26.40
14/14	1.024	26.00	1.118	28.40
15/15	1.102	28.00	1.197	30.40
16/16	1.181	30.00	1.276	32.40
17/17	1.260	32.00	1.354	34.40
18/18	1.339	34.00	1.433	36.40
19/19	1.417	36.00	1.512	38.40
20/20	1.496	38.00	1.591	40.40
21/21	1.575	40.00	1.669	42.40
22/22	1.654	42.00	1.748	44.40
23/23	1.732	44.00	1.827	46.40
24/24	1.811	46.00	1.906	48.40
25/25	1.890	48.00	1.984	50.40
26/26	1.969	50.00	2.063	52.40
27/27	2.047	52.00	2.142	54.40
28/28	2.126	54.00	2.220	56.40
29/29	2.205	56.00	2.299	58.40
30/30	2.283	58.00	2.378	60.40
31**/31	2.362	60.00	2.457	62.40
32**/32	2.441	62.00	2.535	64.40
33**/33	2.520	64.00	2.614	66.40
34**/34	2.598	66.00	2.693	68.40
35**/35	2.677	68.00	2.772	70.40
36**/36	2.756	70.00	2.850	72.40
37**/37	2.835	72.00	2.929	74.40
38**/38	2.913	74.00	3.008	76.40
39**/39	2.992	76.00	3.087	78.40
40**/40	3.071	78.00	3.165	80.40

**CONSULT FACTORY FOR POSITION 31 THRU 40.

NOTES:

1. INSULATOR MATERIAL: SEE PART NUMBER CODING.
2. CONTACT MATERIAL: PHOSPHOR BRONZE.
3. CONTACT PLATING: GOLD FLASH OVERALL.
4. CURRENT RATING: 1 AMP.
5. INSULATOR RESISTANCE: 5000 MEGOHMS MIN.
6. CONTACT RESISTANCE: 20 MILLIOHMS MAX.
7. DIELECTRIC WITHSTANDING: AC 500V.
8. OPERATING TEMPERATURE: -40° C TO +105° C.
9. *PROCESSING TEMP.: 260° C FOR 10 SECS MAX.

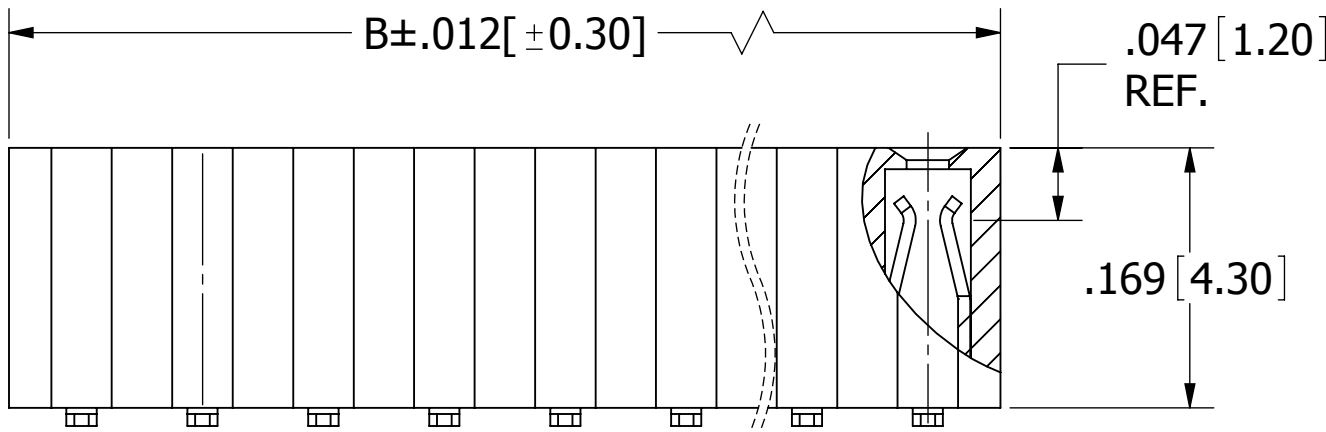
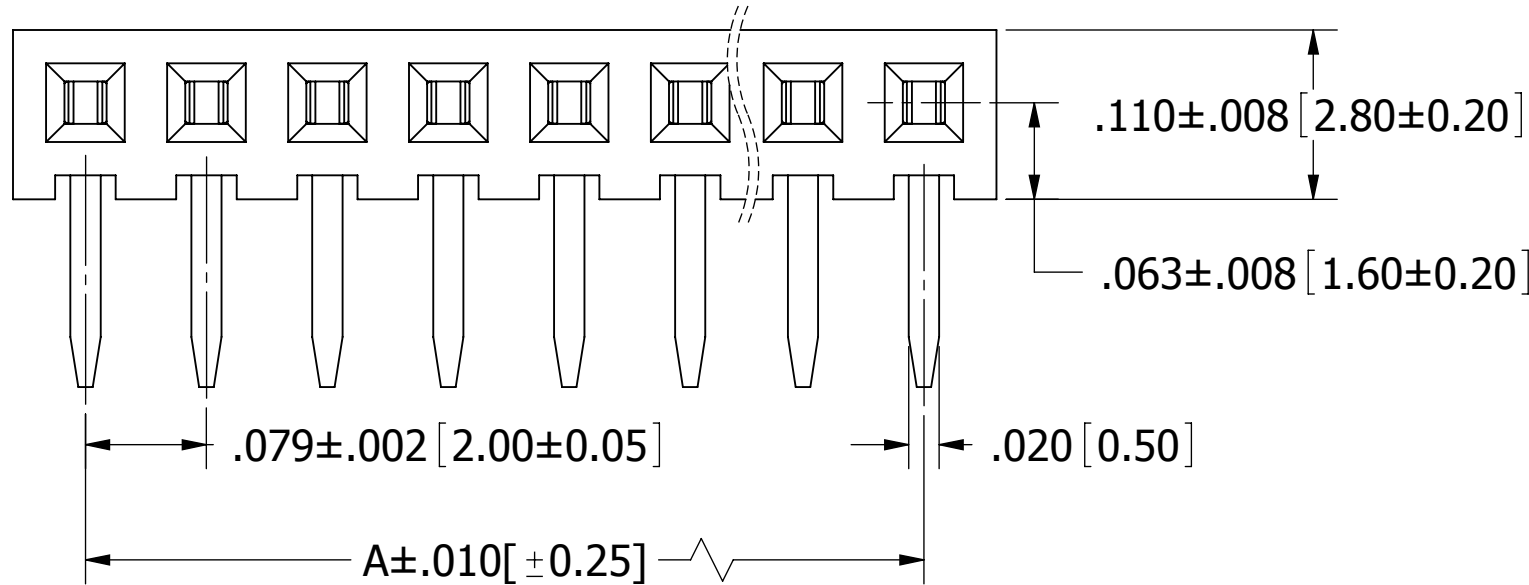
*INDICATED TEMPERATURE AND TIME IS FOR COMPONENT INSULATOR. HIGHER PROCESSING TEMPERATURE MAY BE USED, PROVIDED HEAT IS APPLIED FROM BACK SIDE OF PCB, AND INSULATOR DOES NOT EXCEED INDICATED TEMPERATURE AND TIME.

PART NUMBER CODING

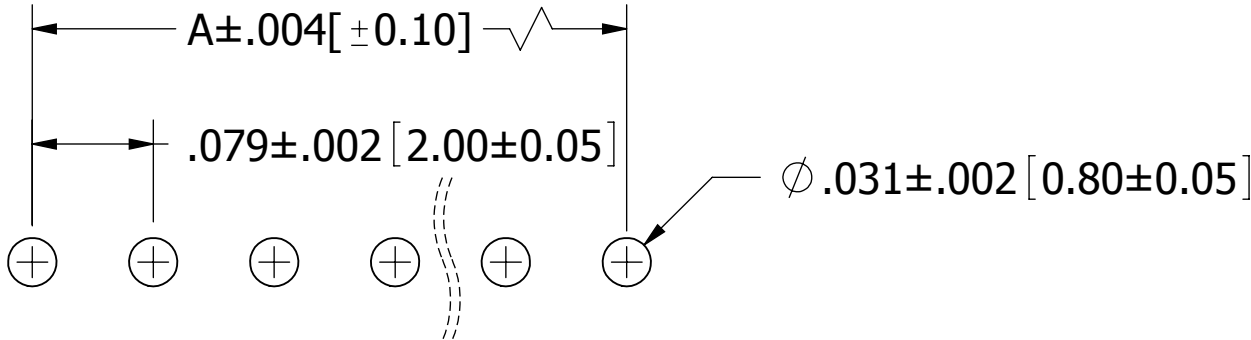
NPPNxx1FGGN-RC

NUMBER OF POSITIONS
(CONTACTS PER ROW, 02 THRU 40)

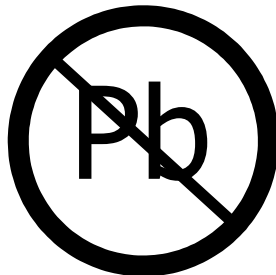
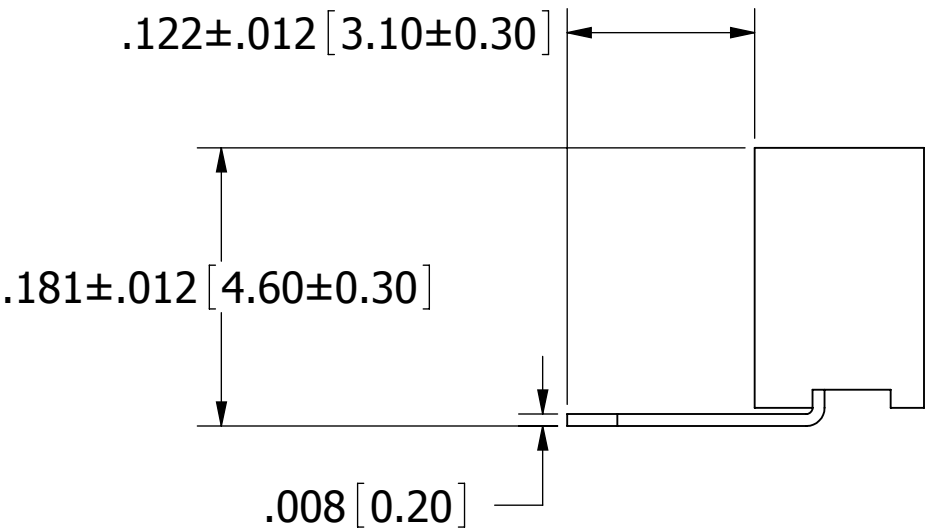
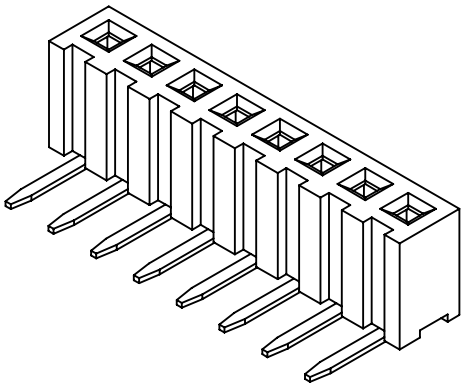
INSULATOR MATERIAL
N = NYLON 6T, UL 94V-0.
P = OBSOLETE, REPLACE WITH N



02-20, 0.20mm MAX.
21-40, 0.30mm MAX.



RECOMMENDED PCB LAYOUT



RoHS COMPLIANT

REVISIONS				
REV.	ECO. NO	DESCRIPTION	DATE	BY
A	611	INITIAL RELEASE	6/15/2005	TT
B	733	UPDATE SIDE VIEW	9/19/2005	TT
C	1936	UPDATE DWG VIEWS, P/N CODING & DIM 'B'	3/23/2009	JH

UNLESS OTHERWISE SPECIFIED: DIMENSIONS ARE IN INCHES[MM] TOLERANCES: ANGULAR: ± 5° .X=± .012 [.30] .XX=± .008 [.20] .XXX=± .006 [.15] SURFACE FINISH: 63 Ra REMOVE ALL BURRS AND SHARP EDGES .010 MAX			DRAWN 3/23/2009 JH	DATE 3/23/2009 JH	NAME JH
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INTERPRET DIMENSIONS AND GEOMETRIC TOLERANCING PER: ANSI Y14.5M-1994			DESCRIPTION HEADER FEMALE, 2mm CC, 1 ROW, RA PART NUMBER NPPNxx1FGGN-RC		
SIZE C			DWG. NO. 10490		REV C
SCALE: 4:1			SHEET 1 OF 1		