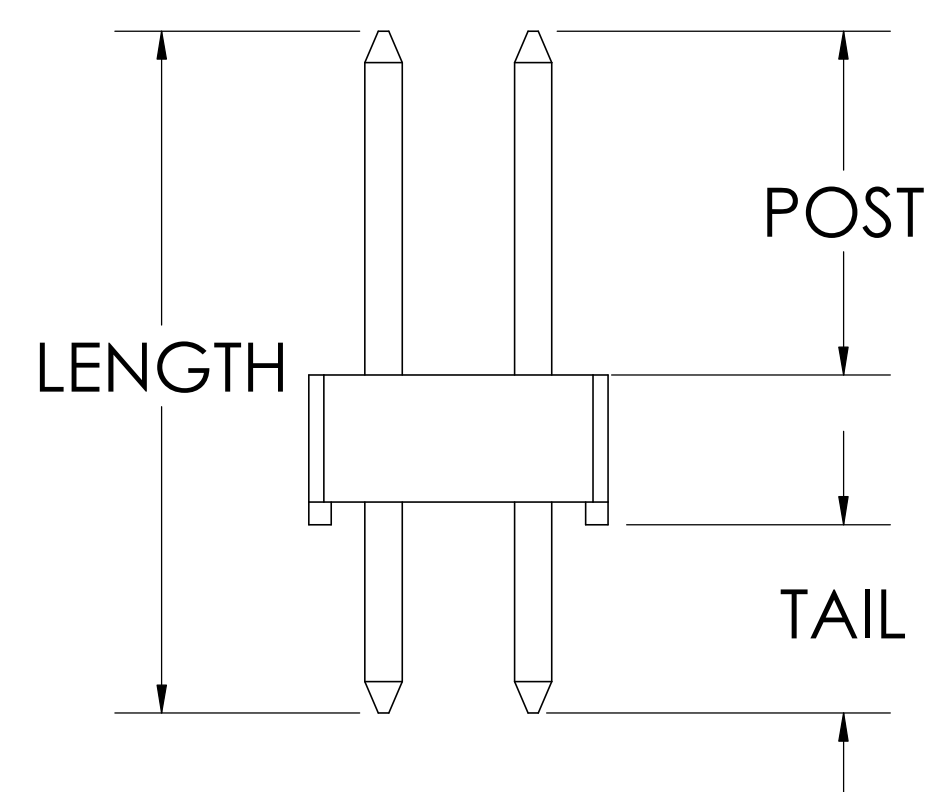
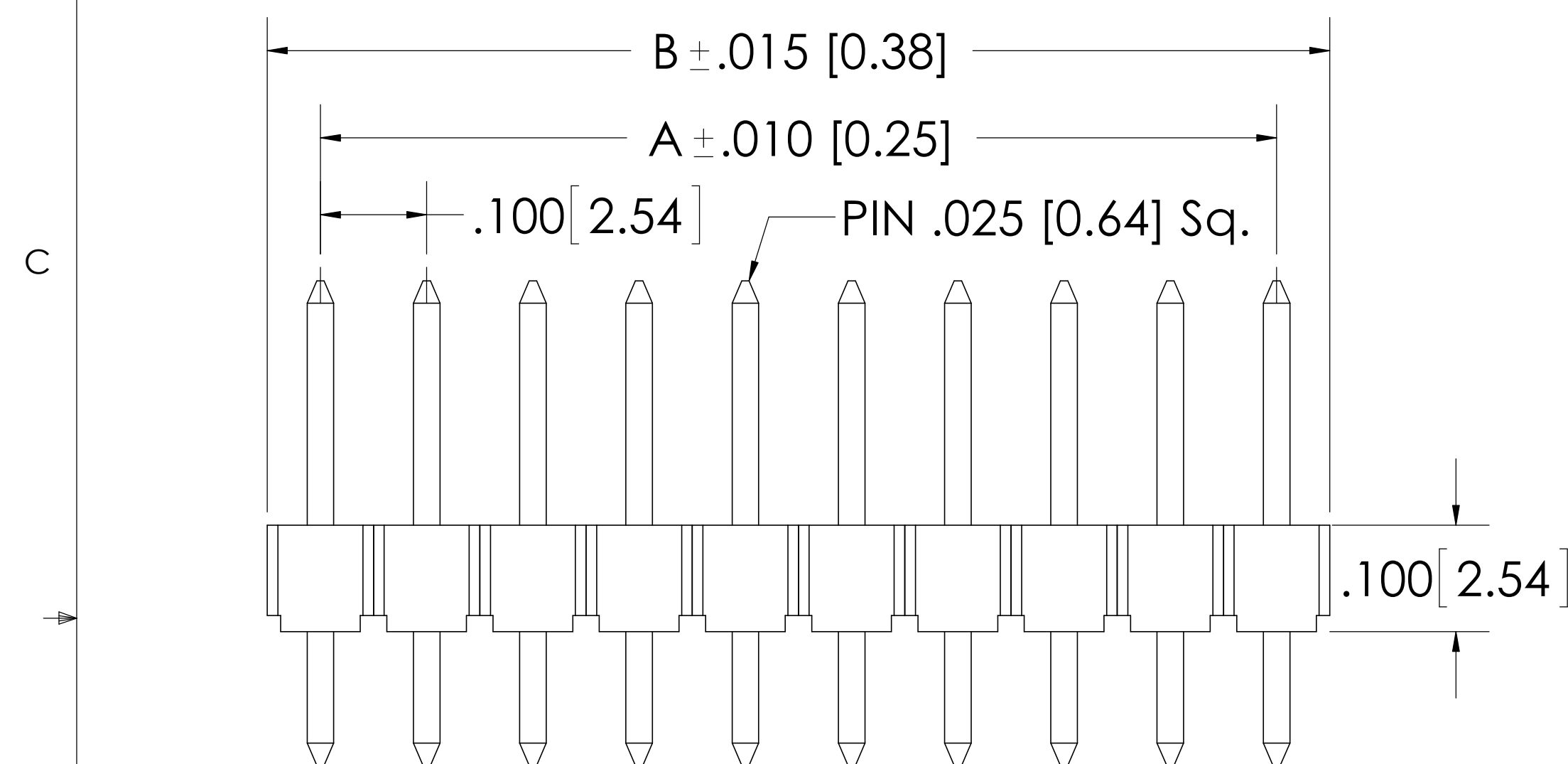
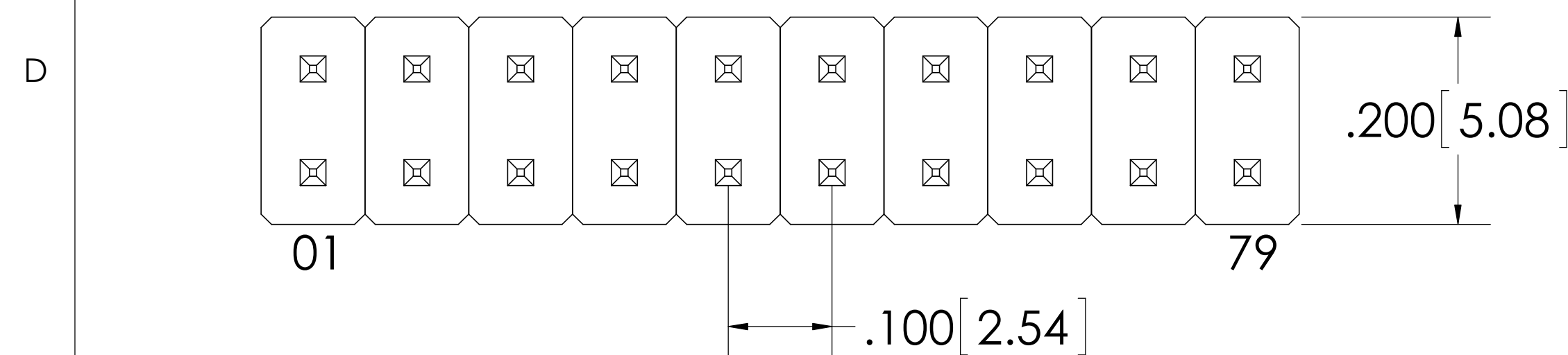


8		7	
REVISIONS			
REV.	DESCRIPTION	DATE	APPROVED
A	Created Drawing	11/16/2012	DC



TSHS-1 XX - D - XX - x - XX - XX - XXX - X - LF

Pins Per Row

Double Row Option

Pin Options (See Chart)

Length		Tail w/.230" Post		Tail w/.318" Post		Option
Inches	mm	Inches	mm	Inches	mm	
0.430	10.92	0.100	2.54	NA	NA	06
0.445	11.30	0.115	2.921	NA	NA	08
0.456	11.58	0.126	3.2004	NA	NA	10
0.480	12.19	0.150	3.81	NA	NA	11
0.530	13.46	0.200	5.08	0.112	2.84	14
0.630	16.00	0.300	7.62	0.212	5.38	16
0.730	18.54	0.400	10.16	0.312	7.92	20
0.830	21.08	0.500	12.7	0.412	10.46	22
0.930	23.62	0.600	15.24	0.512	13.00	24
1.030	26.16	0.700	17.78	0.612	15.54	26
1.130	28.70	0.800	20.32	0.712	18.08	28
1.230	31.24	0.900	22.86	0.812	20.62	30
1.330	33.78	1.000	25.4	0.912	23.16	32
1.430	36.32	1.100	27.94	1.012	25.70	34
1.530	38.86	1.200	30.48	1.112	28.24	36

Post Height____
A = .230 [5.84]
B = .318 [8.08]

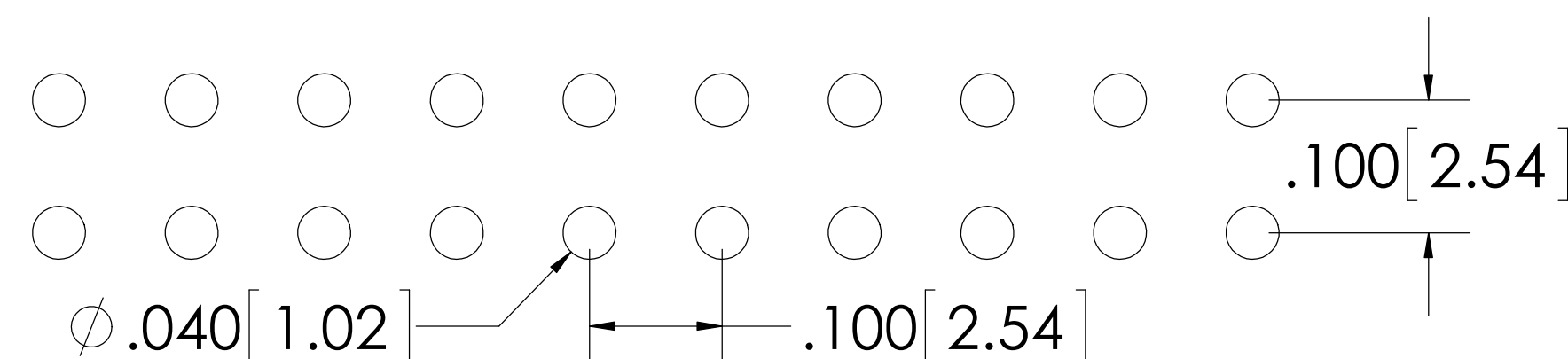
Plating Options

Plating Options		
G	-	10μ Gold on contact area / Flash on tails
T	-	Matte Tin over entire pin
F	-	Gold Flash over entire pin
GT	-	10μ Gold on contact area / Matte Tin on tails
H	-	30u Gold on contact area / Matte Tin on tails

PROPRIETARY AND CONFIDENTIAL

THE INFORMATION CONTAINED IN THIS DRAWING IS THE SOLE PROPERTY OF MAJOR LEAGUE ELECTRONICS. ANY REPRODUCTION IN PART OR AS A WHOLE WITHOUT THE WRITTEN PERMISSION OF MAJOR LEAGUE ELECTRONICS IS PROHIBITED.

RECOMMENDED P.C.B. LAYOUT



Specifications:

Current Rating: 3.0 Ampere

Insulation Resistance: 1000M Ohms Min.

Dielectric Withstanding: 600V AC

Contact Resistance: 20m Ohms Max.

Operating Temperature: -40°C to +105°C

Materials:

Contact Material: Phosphor Bronze

Insulator Material: Thermoplastic, UL94V-0, PBT

Max. Process Temperatures:

Peak: 260°C up to 20 secs.

Process: 230°C up to 60 secs.

Wave: 260°C up to 6 Secs.

Manual Solder: 350°C up to 5 secs.

All materials must meet Major League Electronics requirements for environmental protection.

No. of Pins Per	A		B	
	Inches	mm	Inches	mm
02	0.100	2.54	0.200	5.08
03	0.200	5.08	0.300	7.62
04	0.300	7.62	0.400	10.16
05	0.400	10.16	0.500	12.7
06	0.500	12.7	0.600	15.24
07	0.600	15.24	0.700	17.78
08	0.700	17.78	0.800	20.32
09	0.800	20.32	0.900	22.86
10	0.900	22.86	1.000	25.4
11	1.000	25.4	1.100	27.94
12	1.100	27.94	1.200	30.48
13	1.200	30.48	1.300	33.02
14	1.300	33.02	1.400	35.56
15	1.400	35.56	1.500	38.1
16	1.500	38.1	1.600	40.64
17	1.600	40.64	1.700	43.18
18	1.700	43.18	1.800	45.72
19	1.800	45.72	1.900	48.26
20	1.900	48.26	2.000	50.8
21	2.000	50.8	2.100	53.34

No. of Pins Per	A		B	
	Inches	mm	Inches	mm
21	2.000	50.8	2.100	53.34
22	2.100	53.34	2.200	55.88
23	2.200	55.88	2.300	58.42
24	2.300	58.42	2.400	60.96
25	2.400	60.96	2.500	63.5
26	2.500	63.5	2.600	66.04
27	2.600	66.04	2.700	68.58
28	2.700	68.58	2.800	71.12
29	2.800	71.12	2.900	73.66
30	2.900	73.66	3.000	76.2
31	3.000	76.2	3.100	78.74
32	3.100	78.74	3.200	81.28
33	3.200	81.28	3.300	83.82
34	3.300	83.82	3.400	86.36
35	3.400	86.36	3.500	88.9
36	3.500	88.9	3.600	91.44
37	3.600	91.44	3.700	93.98
38	3.700	93.98	3.800	96.52
39	3.800	96.52	3.900	99.06
40	3.900	99.06	4.000	101.6

UNLESS OTHERWISE SPECIFIED:			DATE	NAME	 4235 Earnings Way New Albany, IN 47150 Phone: 812-944-7244 Fax: 812-944-7268 e-Mail: mle@mlelectronics.com		
DIMENSIONS ARE IN INCHES TOLERANCES: ONE PLACE DECIMALS ±.100 TWO PLACE DECIMAL ±.010 THREE PLACE DECIMAL ±.005 FOUR PLACE DECIMAL ±.002		DRAWN	11/26/12	GWE			
		CHECKED	11/26/12	DRC			
		ENG APPR.					
		MFG APPR.					
INTERPRET GEOMETRIC TOLERANCING PER:		Q.A.			TITLE: TSHS-1-D		
MATERIAL --		COMMENTS: 					
FINISH --							
					SIZE B	DWG. NO. Q:ASSEM/100/TSHS-1-D	REV A
					SCALE: 4:1	WEIGHT:	SHEET 1 OF